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Established 1871.

Entirely Floral.

PARKS Floral Magazine.

VOL. XXXI. No. 5.

LIBONIA, FRANK. CO., PA. MAY 1895.

AN UNPARALLELED OFFER.

PARK'S FLORAL MAGAZINE one year and the new growing plants all strong and healthy, mailed for only \$1.00. The MAGAZINE, as you will see by examining this copy, is a first-class floral journal, bright and interesting, and one that every flower cultivator needs to insure success. See the list:



SOUV. DE BONN ABUTILON.

If you have any of the above select substitutes from Double Petunia, Pansy, Scarlet Bergamot Perennial Candytuft, Geranium, Manettia bicolor, Smilax, Pilea repens, Dbl. Perennial Sunflower, etc.

This MAGAZINE one year and 25 splendid plants of finest kinds, carefully packed and guaranteed to reach you in good condition, all for \$1.00. May I not hear from you promptly? Club with friends. For each additional dollar subscription I will allow you to select five plants from the list on next page. Do not delay your subscription. This offer may be recalled in our next issue. Address, GEO. W. PARK, Ed. and Pub., LIBONIA, PA.

The Bulb Premium. As I cannot further supply Gloxinias, Anemones, and early-flowering Gladioli, I recall the Premium Offer of last month. I still have Tuberous Begonias, and will supply fine tubers, white, yellow, rose scarlet and mixed, together with a fine Tuberose and five packets of seeds as a premium with the Magazine at 50 cents, if desired; but if you want these you must subscribe this month.

LIBONIA, PA., May 1, 1895.

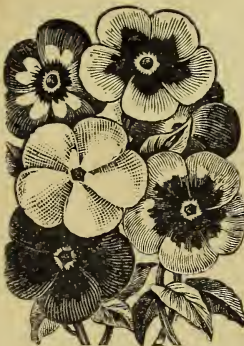
GEO. W. PARK.

Abutilon, the new, grandly colored sort; see engraving; retailed by most florists at 30 cents each this season.
Cuphea tricolor, a lovely new Cuphea, rich, variegated, showy; constant bloomer; splendid pot plant.
Cape Jasmine, large, white, deliciously-scented flowers; evergreen; mostly retailed at 25c. each.
Coleus, superb, fancy-leaved sort.
Daisy, double white, a fine plant.
Daisy, double pink, blooming plant.
Rose, Everblooming, choice named variety, any color.
Lantana, yellow, violet or white, fine named sort.
Mimulus moschatus compactus, elegant; distinct musk odor; yellow.
Balsam, Zanzibar, a grand ever-blooming plant for house or garden.
Alyssum, double, sweet, lovely, much handsomer than the single.
Ivy, German or English, as desired.
Anemone Japonica, Honorable Robert, charming white fall flower.
Begonia, fine plant, of a choice named variety.
Fuchsia, fine plant of a choice named variety.
Nicotiana affinis, Jasmine-scented, continuous bloomer in or out-doors.
Passion Vine, John Spaulding or Constance Elliott, as desired.
Selaginella, a fine, moss-like plant.
Saxifraga sarmentosa, for baskets.
Solanum grandiflorum, numerous clusters of showy white bloom.
Tradescantia zebrina, very fine, striped-leaved plant for shade.
Veronica spicata, hardy perennial, long, plummy spikes of fall bloom.
Peristrophe variegata, superb variegated window or bedding plant.
Chrysanthemum, a choice named variety, red or yellow, as desired.
Chrysanthemum, a choice named variety, white or pink, as desired.
If you do not care for the entire collection get a friend to join you and divide the plants.

200,000 FLORAL HOMES



ASTER.



PHLOX.



POPPY



PANSY.

Are made brighter and happier by the monthly visits of PARK'S FLORAL MAGAZINE. It is devoted entirely to floriculture, originally and freely illustrated. Every flower-lover is delighted with it. Only 50 cents a year with premium. Or, send TEN CENTS for three months' trial subscription, and get

All These Seeds Free!

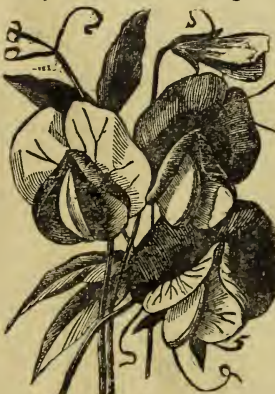
Aster, Finest Double, from 100 beautiful kinds, the finest French and German sort.
Clarkia, 25 splendid sorts, single and double; everblooming annuals of easy culture.
Larkspur, Improved Hyacinth-flowered, rich bloomspikes like Hyacinths. 13 colors.
Lobelia, 30 varieties, embracing the new white, royal purple and variegated sorts.
Gaillardia, Double and single, 13 beautiful varieties, in splendid mixture.
Pansy, Large-flowered German, 40 lovely sorts from an unequalled strain.
Phlox Drummondii, large-flowered, 50 kinds, the new plain, fringed and cuspidate sorts.
Pinks, Indian, Single and Double, 50 kinds; showy, everblooming; fine for cutting.
Poppy, Double, 30 elegant large-flowered varieties; as double and showy as Peonies.
Portulaca grandiflora, 15 brilliant varieties; blooms all summer; fine for a mound.
Sweet Fern, delicate, fern-like foliage, deliciously fragrant and fine for bouquets.
Complete Mixture, 1000 sorts, new and old, a gardenful of beautiful bloom in summer.

For the above 12 packets with MAGAZINE three months, only 10 cts. They are not "cheap" seeds, but the best to be had, and will surely please you. If they do not, return them, and I will refund your money. Cultural directions with each package. This insures success. If preferred I will send the 10 pkts Vegetable Seeds, offered on another page, instead, or both collections and Magazine 3 months for 20 cts. Blank lists, sample copies and full particulars free. Address,

PARK'S FLORAL MAGAZINE, Libonia, Frank. Co., Pa.

GET UP A CLUB.

I make the above offer to introduce the MAGAZINE into new homes, as it speaks for itself when once introduced. However, it is open to all, and I particularly request my friends to send in all the trial subscriptions possible. Speak to your flower-loving friends and ask them to send with you. You will be doing them a kindness as well as the publisher. Any one of the following for club of two (20 cts), five pkts for club of 5, all for club of 12 (\$1.20):



SWEET PEAS.

subscribers. See particulars under head of "Watches Given Away" on another page. Blank lists, sample copies, and full particulars free. Send for them, and go to work at once. Address,

PARK'S FLORAL MAGAZINE, Libonia, Franklin Co., Pa.

See first page of cover for Grand Premium of Plants and Bulbs, for yearly subscriptions.

Chrysanthemum, 15 kinds, beautiful, everblooming.
Convolvulus, dwarf Morning Glory, 11 handsome varieties.
Cosmos, Californian Improved, all colors; a superb annual.
Carnation, Margaret, finest of Carnations, very fragrant.
Dahlias, Finest Double and Single varieties, all colors.
Gaillardia, 10 sorts, double and single, elegant for cutting.
Godetia, beautiful, 15 superb new varieties.
Petunia, Bedding, 20 kinds, fragrant, bloom continuously.
Schizanthus, Butterfly Flower, 15 superb varieties.
Sweet Peas, New Large-flowered, 15 beautiful kinds.
Verbena, 15 finest varieties, superb for bedding, fragrant.
Zinnias, New Darwin, 15 sorts, showy and bloom profusely.



MARGARET CARNATION.

Choice Vegetable Seeds.

FOR TEN CENTS I will send the following collection of Choice Vegetables. I make this offer to accommodate those flower-lovers who grow Vegetables for family use, and wish only the best seeds at a moderate cost. I cannot supply other Vegetable seeds than those here offered. Do not ask for substitutes. When ordering see your friends and neighbors, and send us a large club as you can. The seeds are fresh and first-class, and of the most desirable varieties for general cultivation. Ten well-filled packets of choice Vegetables for 10 cents. They are worth at least 50 cents. Is not this a bargain?

CABBAGE, LATE.



Of all garden crops the late Cabbage is perhaps the most important, and good seeds of a good variety are absolutely necessary. The Surehead Flat Dutch just "fills the bill." It keeps well throughout winter. The heads are of immense size, and are sweet, crisp and tender.

LETTUCE.

The Improved Hanson Lettuce, embraces the good qualities of all other varieties. It is early, deliciously tender and crisp, and without any unpleasant taste. The plants are vigorous, and so slow to run to seed that it often fails to form a seed-stalk. The kind of all kinds for the farmer or village gardener.



MELON.

Lovers of Musk Melons want them as early as possible, and they want Melons of good quality. The Extra Early Hackensack, besides containing the good qualities of the old Hackensack, size, solidity and prolific bearing, is two weeks earlier. Everyone who grows Melons should try this sort.



PARSNIP.

The sweetest and best Parsnip for general use is the large Sugar or Hollow Crown. It is large, smooth, tender, sugary and of excellent flavor. Sow early. The roots may remain where they grow till wanted for use. The seeds offered were grown from selected roots, are fresh and will yield a fine crop.



TOMATO.

Of all the many Tomatoes Livingston's New Beauty is undoubtedly the best. The plants are hardy and vigorous, very prolific; fruit always well-shaped, smooth, solid, and has few seeds, rich and high-flavored, of a beautiful purplish color, keeps well after picking, and is excellent for shipping.



CABBAGE.

The earliest and most reliable of large early Cabbages is the Charleston Wakefield. Each plant will form a solid head, weighing from twelve to eighteen pounds. It surpasses the old Jersey Wakefield in size and Winningstadt in earliness, and is the most desirable early Cabbage.



BEET.

Edmund's Blood Turnip Beet is considered the best variety for general use, either for the family or for market. The flesh is very dark red, and exceedingly sweet and tender. Roots smooth, never coarse or woody in texture; matures early and keeps longer than any other sort. The best Beet in cultivation.



CUCUMBER.

The Improved White Spine Cucumber is grown more largely than any other variety. The fruit is of medium size, handsome in appearance, early and prolific, and unequalled for either slicing or pickling. Protect young plants from insects by mosquito netting.



WATERMELON.

The Dixie Melon is a cross of Mountain Sweet and Kolb's Gem, and retains all the richness and sweetness of Mountain Sweet, while it has the additional qualities of larger size, earlier ripening, easier culture and ease of handling, the rind though thin being tough. A first-class variety.



RADISH.

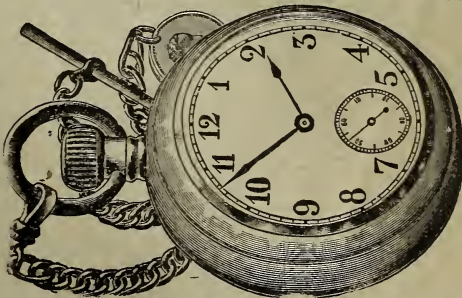
For the family garden I offer a mixture which is just what is wanted, as it embraces early, medium and late, and the Radish bed will thus afford a continuous supply for the table throughout the season. I preferred a package of the French Breakfast Radish, shown in engraving will be sent instead.



All the above, 10 packets of choicest vegetables, will be mailed for 10 cents. Order now, and ask your friends to order with you. If you are not satisfied your money will be refunded. To encourage club orders I will send Colossal Asparagus, Extra Early Refugee Snap Bean, Scarlet Horn Carrot, Kalamazoo Celery, Sweet Corn, Improved Egg Plant, Hubbard Squash, Curled Parsley, Rutabaga, Purple-top Turnip or Kohi Rabi for club of two, or all for club of 12. You can thus secure enough seeds for a large vegetable garden simply by a half hour's work among your neighbors. Address, GEO. W. PARK, LIBONIA, FRANKLIN Co., PA.

BOYS, HERE

Is the watch for you, and you can secure it by a little effort. Only 75 trial subscribers at 10 cents each, 35 yearly subscribers at 50 cents each, or a combination of trial and yearly subscribers amounting to \$7.50 will bring you the watch and chain by registered mail. It is a neat, handsome, thoroughly reliable timepiece that you will not be ashamed to carry. This Watch is also a convenient time-piece for the bed room or kitchen. For a boy, or for a husband who is tardy at meal time it will also be found an enjoyable and appreciated present, and it can be secured by a few hours' labor. Get our blank lists, samples, etc. and go to work at once. Every trial subscriber will get the 12 pkts flower seeds offered on 2nd page of cover, or the 10 pkts vegetable seeds offered above. Every yearly subscriber will get the premium offered on Title page. Subscribers are easily obtained upon these terms. Reader, may I not hear from you? Address, GEO. W. PARK, LIBONIA, PA.



NO. 4.—Open face, nickel-plated case, stem wind, stem set, heavy beveled crystal, American lever movement, protected by dust cap, fully timed and regulated and guaranteed to be a reliable timepiece.

Endorsed by Florists and Gardeners.

**WIND PROOF. FROST PROOF.
WATER PROOF.**

For Sheathing Inside or Outside.

Neponset Water-Proof Red Rope Roofing Fabric

Cheaper than Shingles and Clapboards.
Can be put on by anyone.
Takes the place of back plaster in dwell-
ings.

Insures warm and dry poultry and out-
houses.



Send for free Samples and Particulars.

Neponset Black Building Paper is
unexcelled for inside lining.

F. W. BIRD & SON,
E. Walpole, Mass.

Mention Park's Magazine.

SELF-THREADING THIMBLE.

Every Lady wants it. This thimble combines a
needle threader and a thread cutter, two ingenious
attachments saving teeth, biting thread, and eyes.
Beautifully Silver plated. The most convenient
method of threading needles in the world. Regular
Price, 25c. Our Price, 10c. each. **\$1.00**
a dozen. You can make \$3.00 per day selling them.

BATES & CO., 100 High St., Boston, Mass.

Mention Park's Magazine.



CARD PRINTER FREE

Sets any name in one minute; prints 500 cards an
hour. You can make money with it. A font of
pretty type, also Indelible Ink, Type Holder, Pads
and Tweezers. Best Linen Marker; worth \$1.00.
Sample mailed FREE for 10c. stamps for postage on
envelope and large catalogue of 1000 Bargains.

R.H. Ingersoll & Bro., 65 Cortlandt St. N.Y. City
Mention Park's Magazine.



RETOUCHERS OF PHOTO- NEGATIVES

Earn Good Wages. Constant
demand. — Easily learned. —
Stamp for Illustrated Catalog.

School of Retouching and
Photography, Oberlin, Ohio.

Mention Park's Magazine.

SECRET

SOCIETY for boys; costs nothing to join, send
your name and 2 or 3 other boys' names who will join.
Enclose stamp. W. S. BEST, Oak Park, Illinois.

Mention Park's Magazine.

CORRESPONDENCE.

Dear Editor:—It seems that you have many
subscribers and friends in California, and de-
servedly, too, for you and your splendid Mag-
azine have done so much to encourage the
growth of flowers—the harbingers of beauty
and pleasant homes. In this State the
weather at present is pleasant, and flowers
of many kinds are beginning to bloom in all
their beauty. In fact, many kinds have been
in bloom out of doors all winter. This section
is renowned for its Rose culture, and great
preparations are being made for a Rose Car-
nival to be held at Santa Rosa in May. It
will be worth going many miles to see. We
wish some of the Eastern sisters could visit
this sunny clime, and see the green grass and
beautiful flowers in mid-winter.

Mrs. M. M. Banister.

Kenwood, Cal., Mar. 22, 1895.

Dear Mr. Park:—Thank you so much for
surprising me so pleasantly. The bulbs came
when I was convalescing from an illness, and
were, therefore, all the more delightful,
though I was unable to thank you at once as
I would have liked to do. I called for dirt
and pots before I was fairly able to sit up,
and planted every bulb myself. I am very
fond of plants—not only of flowers—but of
plants, and of seeing things grow, having in-
herited a love for such things from my moth-
er, who was wonderfully successful, and I am
enjoying the possession of her dear old-fash-
ioned garden. I thank you again for the
nice bulbs.

C. W. Rankin.

Marquette Co., Mich.

Mr. Park:—I enclose some seeds of the white
Acacia or Oppopanax which I raised the past
year. They are not so
sweet as the yellow, but
the bush was very much
admired by all who saw it.



Mrs. Hickson Johnson.

Alachua Co., Fla., Jan. 31, 1895.

Those Abominable Puzzles.—Mr. Park: I
have taken your Magazine for the past ten
years, and like it, of course, very much in-
deed, and will always take it while it contin-
ues as it is, and while it excludes those abom-
inable floral puzzles. When I want coun-
drums and puzzles I don't want to go to my
Floral Magazine for them. The plants are
puzzling enough, with the help of the aphid,
mealy bug, and others of that ilk, without a
puzzling floral Magazine yet. What the am-
ateur florist wants is not puzzles, but just the
plain, common, every-day talks we get in
Park's Floral Magazine just as it is.

Eagle Co., Col.

Mrs. A. M. Bryant.

About the Premiums.

Mr. Park:—My premium bulbs and seeds
came safely last week. Please accept thanks
for same. I am especially pleased with the
Tuberous Begonias and Lillium Auratum.
During the cold weather the past winter I
lost nearly all my plants, so have to begin
over again this season. I find your Magazine
a great help in growing plants.

Bertha Muhlman.

Macoupin Co., Ill., Mar. 26, 1895.

NOTE.—All the premium bulbs, as well as seeds
supplied this season have been of fine quality, and
it is encouraging to read the favorable reports
from those who have received them. It is a mat-
ter of much regret to the publisher that the mails
were delayed for several days during the severe
storm in February, causing a week's mail to ar-
rive in one day. Since that time the orders have
come so freely that with all the office force pos-
sible working day and night the lost time could not
be regained. This has justly caused complaint,
but of a matter that every diligent and vigorous
effort was made to overcome. This will explain
the tardiness in sending premiums. The pub-
lisher is glad to say that the premiums are now being
mailed promptly, and special preparations will be
made in future to obviate such a rush in trade as
has been made upon him this season.

FREE! SAVE MONEY!

Our New 1895 Catalogue.

We are the only firm of manufacturers selling exclusively to the public direct at factory cost. You get the Exact Value for your money. No Agents' Dealers' or Middlemen's Profits Added. **CASH OR ON EASY PAYMENTS**, to suit your circumstances. Pianos and Organs shipped on 30 days' trial under special warrant for 25 years. No cash required in advance. Safe delivery guaranteed.

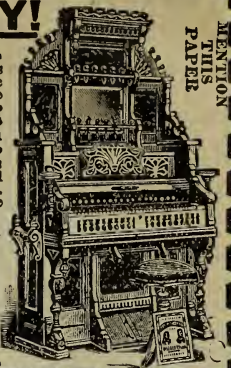
Note.—As an advertisement we will sell the first purchaser in a place one of our fine **PIANOS** for only \$169—or one of our **PALESTINE ORGANS** for **\$25**

Write for Catalogue.



CORNISH & CO.

Established nearly 30 years. Washington, New Jersey.



When answering this advertisement please mention Park's Floral Magazine.

QUESTIONS AND ANSWERS.

Lilies, etc.—Mr. Park: The Easter Lily, Freesias and Oxalis you sent me last fall were just splendid. Please tell me through your Magazine if the former will blossom again, and how I shall treat them.—Mrs. J. P. S., Pa.

Ans.—Easter Lily bulbs will bloom the second season if the bulbs are well ripened, and do not split up into bubblets. Keep them in the pots in which they bloomed till danger from frost is past, then bed them out or plunge the pots, setting them deep in the soil. In the autumn, say in August, lift them, and repot, being careful not to injure the large fleshy roots at the base of the bulb.

Climbers.—Mr. Park: What kinds of climbers would you recommend for free bloomers and hardy plants?—Mrs. Rankin, Pa.

Ans.—Honeysuckles, especially Hall's Evergreen and Scarlet Trumpet, are among the best. Clematis, Bignonia, and the Gloire de Dijon Rose are also desirable.

Matrimony Vine.—Mr. Editor: I have a Chinese Matrimony Vine which has been planted three years, but has not bloomed. It is on the west side of a brick house. Last summer it grew most luxuriantly, throwing out shoots from twelve to eighteen inches in a week. After it had reached the roof of the house I cut the shoots off about once a week, in order to keep it neat and in place, or it would soon have covered not only the side of the house, but the roof also. In cutting off the new shoots did I prevent its blooming? Does it bloom only on the new wood? If so, it will be an untidy and straggling-looking vine.—Aplis, Salt Lake, Utah.

Ans.—To promote blooming of an obstinate Rose, shrub or Matrimony vine do not cut back the tops. That only encourages the vigorous growth of new branches. It is better to cut back the roots or root-prune, thus weakening the vitality. A dry, rather sandy soil would also promote blooming.

EXCHANGES.

Miss L. D. Robinson, Fitchville, O., has named Chrysanthemums, Spirea and Matrimony Vine to ex. for double Dahlias, Lilies, Cacti, etc.; write.

Mrs. J. H. Devoe, Poughkeepsie, N. Y., will ex. silk, satin and velvet pieces and good reading for house plants and Lily bulbs.

Grace Shear, 117 Beagle St., Dunkirk, N. Y., has mixed Phlox and white Candytuft seed to ex. for double white flowers or Roses; write first.

Mrs. Henry L. Moss, St. Paul, Minn., will ex. fine bulbs and novels for other fine bulbs, double Fuchsia, Cacti or Tuberous Begonias.

Mrs. Mina Hamilton, Box 125, Coon Rapids, Ia., will ex. eggs for bulbs or hardy perennial plants.

"GENTLEMEN: Regarding prospects for the coming year, would say, we hope to double our last year's output of Aermotors, or, at least, as we have done in the past, sell twenty-four out of every twenty-five windmills that are sold. Since commencing the sale in 1893, WE HAVE SOLD ABOUT

500 AERMOTORS

We do not attribute this fairly good record entirely to our efforts, but to the superiority of the goods which you make. BURNELL & DAVIS, Urbana, Ill., February 13, 1895."

GENTLEMEN: We bought and put up Aermotor No. 2, and out of the first fifty which you made we had thirteen. Since that time we have sold about

400 AERMOTORS

In our small territory is represented the history of the Aermotor and the Aermotor Company from the beginning to the present hour. That history is one of unbroken triumph.

Aside from the Aermotor other windmills put up enough with which to show the infinite superiority of our design, finish (all galvanized), and ability to run when all others stand

We should have sold more, supplied with wind power feared, it being only 68 miles years been the battle ground largest, best known and panies, all being located

MUCH OF OUR BUSINESS PLACING WOODEN AND TORY WHEELS WITH you have during the past

vious year's record by you expect to double your coming year. Count on us the Aermotor never stood higher above all competitors in reputation and in fact than to-day. SARRI & BAKER, Marengo, Ill., February 25, 1895."

In another Aermotor advertisement, which every one should read, we offer for

there have been but few in our territory—just compare and see the superiority of the Aermotor. After completion of the work, but this region was well when the Aermotor appeared, and had for ten or twelve of the strongest windmill communities within 50 miles of us.

HAS COME FROM THE WEST. YOU SAY year surpassed any previous one-half, and that last year's output the for our portion of it, for

\$7.50 A \$15

three way force pump. All dealers should have it or can get it to sell at that price. All Aermotor men will have it. In still another ad. appears our offer of galvanized steel tanks at 2 1/2 c. per gallon. They neither shrink, leak, rust, nor make water taste bad.

Aermotor Co., Chicago.
Mention Park's Magazine.

FRUIT EVAPORATOR

THE ZIMMERMAN

The Standard Machine

Different sizes and prices. Illustrated Catalogue free.

THE BLYMYER IRON WORKS CO., Cincinnati, O.

Mention Park's Magazine.



YOUR NAME

NICELY PRINTED

on 25 FRIENDSHIP

CARDS. Lovely For-

get-me-nots beautifully

embossed around the border of the Cards.

Also a Handsome White Wood Case containing

3 Goldline Pens, 1 Corrugated Pencil, 1 Faber's Lead Pencil, 1 Covered Slate Pencil, 1 Rule, and a SPLENDID RING. All the above as Premiums with our 16 page Story Paper 3 months for 10 cts. and 3 cts. postage on the premiums.

WAYSIDE CO., A, CLINTONVILLE, CONN.

Mention Park's Magazine.



Hardy Chrysanthemums.

It is not generally known that the beautiful race of Chrysanthemums known as Pompons is perennial and perfectly hardy. We have secured from Japan, England, France and America a magnificent collection of about one hundred distinct varieties, of almost every shade, color and blending. They have only to become known to be appreciated as one of the most charming and desirable classes of plants for the garden.

During the months of September, October and November, and when heavy frosts have cut down all other flowers, these Pompon Chrysanthemums are still in their autumn glory.

Price 25 cents each.

The Wonderful New Rose, CRIMSON RAMBLER, from Japan

is perfectly hardy in the open garden, and one of the most remarkable introductions in many years. A shoot will grow ten feet in a single season, and has produced as many as 300 blooms in magnificent clusters. This Rose is superb for pillars and trellises. Received Gold Medal from the National Rose Society of England; National Horticultural Society of France; and First-class Certificates wherever exhibited.

Price 35 cents each.

THE CALIFORNIA.

Mammoth New Violet. Floral Wonder of the Century. Blooms cover a silver dollar; stems 12 to 14 inches long; color deep violet-purple (does not fade); fragrance intense; several hundred flowers from a single plant; blooms during seven months in the year. **Price 25 cents each.**

CULTURE.

"**The California Violet**" is hardy and should be grown exactly the same as Marie Louise or other Violets, either in cold frames or Violet houses; or if planted in the open ground will bloom in the fall and spring.

One each of the above described plants, together with our beautiful Catalog will be mailed upon receipt of 50 cents.

PITCHER & MANDA, Inc., - - - Short Hills, N. J.

When answering this advertisement please mention Park's Floral Magazine.

For the Lawn and Garden.

Bowker's Lawn Dressing.

ODORLESS.

A clean, efficient substitute for stable dressing. Produces a compact green turf, brilliantly colored flowers, and delicious vegetables.

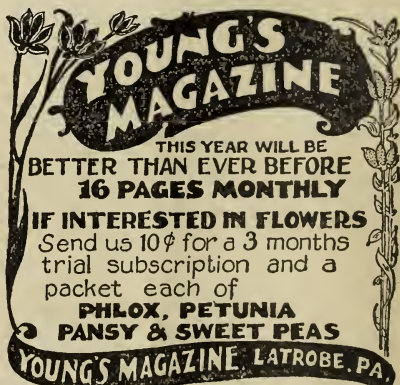
Enough for a house lot, . . . \$0.50
For a larger house lot, . . . 1.00
House lot and garden, . . . 1.75
Lawn, garden, and flower bed, 3.00

Pamphlet (illustrated) free.

BOWKER FERTILIZER CO.,
New York & Boston.

Mention Park's Magazine.

NEW FLOWERS, Roses, Seeds and Bulbs, by mail at little prices—1 trial packet each Sunshine Pansies, Dbl. Diadem Pinks, Fairy Poppies, Sweet Peas, Sweet Alyssum—5 pkts. and Catalog, only 10c. **ALFRED F. CONARD,** Box 7, West Grove, Pa.



YOUNG'S MAGAZINE

THIS YEAR WILL BE
BETTER THAN EVER BEFORE
16 PAGES MONTHLY
IF INTERESTED IN FLOWERS
Send us 10¢ for a 3 months
trial subscription and a
packet each of
PHLOX, PETUNIA
PANSY & SWEET PEAS
YOUNG'S MAGAZINE LATROBE, PA.

Mention Park's Magazine.

CACTI Send for list of Cacti from Arizona, Mexico, etc. 8 well-rooted plants, my selection, 50c. Mrs. Frances Bright, Van Raub, Texas.
Mention Park's Magazine.



MY HUSBAND Cant see how you do it.

High Arm
\$60 Kenwood Machine for - \$23.00
\$50 Arlington Machine for - \$19.50
Standard Singers - \$3.00, \$11.00
\$15.00, and 27 other styles. All attachments FREE. We pay freight ship anywhere on 30 days free trial, in any home without asking one cent in advance. Buy from factory. Save agents large profits. Over 100,000 in use. Catalogue and testimonials Free. Write at once. Address (in full), **CASH BUYERS' UNION,** 158-164 West Van Buren St., B 106 Chicago, Ill.

PARK'S FLORAL MAGAZINE.

A MONTHLY JOURNAL OF FLORICULTURE

Vol. XXXI.

Libonia, Pa., May, 1895.

No. 5.

DOWN WHERE THE VIOLETS GROW.

Cool and damp are the meadows,
O, the meadows of long ago,
A near to the brooklet's margin,
Down where the Violets grow.

There are robins atilt on the tree tops,
There are bluebirds caroling low,
And, oh, the scent of the moist earth there,
Down where the Violets grow.

Willows all fluffed with catkins,
Bloodroots as white as snow,
Tossing their cups to the morning,
Down where the Violets grow.

O, damp and cool are the meadows,
Those meadows of long ago;
My heart goes back from the toll-worn ways
To the cool, green meadows of childhood's
days,

Down where the Violets grow.

Dubuque, Ia. Maude Meredith.

SENECIO ELEGANS.

SENECIO ELEGANS is a handsome half-hardy annual, belonging to the Composite order. It was introduced from the Cape of Good Hope about 1700, and since then has been greatly improved, the flowers now coming perfectly double, as represented in the engraving, and of many colors, as white, rose, purple, etc. The plants remain in bloom for a long time, and the display may be continued during the entire summer and autumn by sowing seeds at different periods. Sow in beds and thin, so the plants will appear in masses. This flower is sometimes known as *Jacoea*.



BOUQUET OF SENECIO ELEGANS.

CANNAS FROM SEEDS.—Mr. Park: I enjoy reading the many ways of planting a Cannas seed. I find by experience the surest way is to file through the hard shell, then soak them in warm water.

Jan. 25, 1895. Mrs. W. H. Niles.

A FLORAL NOTE-BOOK.

GREAT benefit and pleasure may be derived by keeping a floral note-book, a book in which to write our observations, experiences and various transactions pertaining to our plants and flowers.

Note when the seeds were planted in the hot-bed or garden, and make a chart thereof, as well as of all the flower beds. It will be very handy for future reference.

Note the time of the spring frosts, and the damage done, so that plants caught by too early planting this year may not so suffer next; when the first flowers were picked, how long the bloom continued, etc.; all about the bulb bed, and what ones are needed for planting next fall, to make the list

more complete, so when buying time comes, all you need to do to order is to refer to the note-book, thus saving confusion and annoyance otherwise incurred by ordering what you already possess, and leaving out something much desired.

Keep a record of plants, bulbs or seeds ordered, and of the time and condition of their arrival; in fact, keep an account of every-

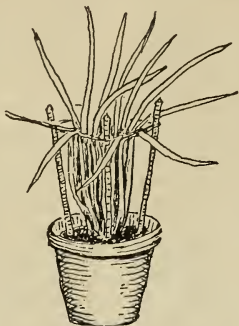
thing connected with your flowers, and if at any time memory proves at fault as to the proper treatment or the blooming season of some plant, a reference to the note-book sets all right again, and in this way the mistakes of last year may be avoided, and by the aid of the charts and maps each year can be made an improvement over its predecessor.

Montcalm Co., Mich.

M. A. G.

ALLIUM NEAPOLITANUM.

I FIND the Allium rather more particular than most bulbs about the way in which it is planted, and having tried it in several ways I have come to the conclusion that the following method is the best for the amateur florist: Use good, rich, loamy garden soil, without manure or other fertilizer, planting five or six bulbs in a five-inch pot. The bulbssould be well under ground. An inch or an inch and a half is none too much, and they seem to grow stronger for being firmly planted. Place the pots in the dark for two or three weeks, unless the plants insist upon coming up with undue haste, as they do at times, and after they are up give them plenty of water and a sunny window if you have it. If support is needed, and it generally is for the tall, grass-like foliage, it can be provided by placing three slender sticks of equal length around the sides of the pot and winding a string around the top of the sticks. This makes a little fence, and doesn't look at all badly if the sticks are slight as they should be. Treated in this way the Allium is certain to reward you with its clusters of snowy blossoms, and if you are not familiar with the plant you will be astonished at the size and beauty of the clusters. The stems are long, and the blossoms are very lasting if kept in a cool room.



SUPPORT FOR ALLIUM.

Carroll W. Rankin.

Marquette Co., Mich.

OTHONNA AND KENILWORTH.—I can highly recommend Othonna and Kenilworth Ivy for hanging baskets. My Othonna was about two feet long and so thick I could not see the basket it was in when it was frozen.

Mrs. L. L. Knox.

Baca, Col., Apr. 2, 1895.

MULCHING PLANTS.—In setting out plants it is a good plan to use mulching for them, such as dead leaves and grass. It keeps the ground moist in dry weather.

M. A. Brown.

Ocean Co., N. J.

ORIENTAL POPPY.

TO be the possessor of one of these desirable plants is to be a very fortunate person. Nothing can make a more dazzling display on the lawn or in the garden than a clump of these grand perennial Poppies. Several years ago I bought of our Editor a package of biennials and perennials, and among the plants grown from those seeds was an Oriental Poppy. It was a strange plant to every member of the family, and we could only wait until the next summer to identify it. When it came into blossom it excited more admiration than is usually bestowed on plants at our home. It has increased in size as the years have passed until it has attained to a large size. Last summer it gave us nearly thirty blossoms, varying from four to seven inches in circumference. I have never disturbed it for the reason that I am fearful of the result. I have sown thousands of seeds in my effort to increase my stock of this much-to-be-desired plant, but all in vain. Not a seed will germinate. I have given seeds to my friends, and they, too, have met with failure. What the trouble was I am unable to say, but I suppose it was due to the unpropitious season. It will amply repay much trouble if in the end one of these Poppies is obtained. Grander than Lilies, and more gorgeous than Lilies, it cannot fail of exciting admiration and favorable comment from owner and beholder alike.

McLean Co. Ill.

Lina.

STARTING CUTTINGS IN SAWDUST.—

Not long since I visited a German florist and noticed a box of Cape Jessamine cuttings rooted in wet sawdust. The idea is a good one in a dry climate. The sawdust holds moisture. He packs it tightly around the fresh cuttings. After they get to growing he puts a little soil on top and keeps the box well watered. These had numerous and well developed roots.

Mrs. G. W. Avery.

Evinston, Fla., Feb. 20, 1895.

COTTON PLANT.—Have any of the Band ever tried growing Cotton as an ornamental plant, and with what success? I think it beautiful in the field when in bloom, and grand when the "fields are white unto the harvest."

Miss Mary Ratliff.

Hinds Co., Miss., Mar. 21, 1895.

THE NEW CALIFORNIA VIOLET.

TEMPERATURE FOR ROOTING BULBS.

JUST now Violets are the rage here, and all San Francisco has gone daft over the new Violet "California." It is a California seedling, lighter shade than the single blue, "The Czar," and with stems from nine to fourteen inches long. I went with a lady friend on Saturday to Ocean View, a suburb of San Francisco, to see where they grow, 40 acres of them, and it was a sight. I will send you a flower and leaf. Of course I have got some roots, also some roots of the new double "Lady Hume Campbell." Around the bay here is the home of the Violet. My beds are purple with them. I have ten varieties. The single "The Czar," "California," the single white, the light blue double "Neapolitan," the

I WISH to call attention to our Editor's remarks in the March MAGAZINE regarding the temperature of the cellar in which bulbs are stored for rooting. So many fail to succeed with winter bulbs, because of their not heeding the advice Mr. Park has given. I had a little experience in that way myself last fall. The cellar was much cooler than I wished it to be, about 40° above zero. This is too low a temperature for bulbs to root readily. If you do not wish them to bloom until spring it may do, but if you wish winter blossoms try a temperature near 60°. Be sure you do not bring the bulbs to the light until they are well rooted. That is a very important point in growing



dark double blue "Marie Louise," the red or pink variety "Mad. Millet," and a still lighter double pink "Pink Rover," the new light purple, and an immense flower, larger than "Marie Louise," called "Lady Hume Campbell." The Violet is my favorite flower. I always wear a bunch of them from the time they come in, about December 1st till May 1st, sometimes double, sometimes single.

Marie G. Walker.

Oakland, Cal., Mar. 4, 1895.

[NOTE.—The accompanying sketch was prepared from the pressed specimens referred to. The flower is given natural size; the leaf about two-thirds natural size. The specimens indicated great vigor in foliage and flower, the former being rich green, and the latter rich violet-blue in color.—Ed.]

PLANT SOMETHING NEW.—Plant something new this year, don't raise the same flowers year after year, and see if you do not take more of an interest in flowers than ever before.

Geauga Co., O.

Ima.

bulbs. It is the point so many fail to note. Disappointment lies in wait for those who do not heed this advice.

Lina.

McLean Co., Ill., Mar. 16, 1895.

SPRAYING.—I never had nicer and more thrifty plants than the past winter and this spring, never so free from insects of all kinds. This is due in a great measure to persistent spraying. On an average they have been sprayed five days out of seven. Notwithstanding so much cloudy weather they have bloomed profusely all winter. *Linum trigynum* and *Manettia bicolor* have fairly reveled in the moist atmosphere, and I never had the Chinese Primrose do as well before in every respect. I am fully convinced that thorough and continuous spraying is necessary to grow nice, healthy plants.

H.

Litchfield Co., Ct., Mar. 29, 1895.

MAY BASKETS.

THE Old World custom, and a very good custom it is, of sending your friends flowers on the first day of May, is getting quite the fashion in our little village. Dainty little baskets adorned with ribbons may be bought in the cities for a few cents, and are all ready to fill with flowers. But it is more enjoyable if the children make their own baskets. Old confectionery boxes may be re-dressed with tissue paper and ribbons. Cardboard may be cut and folded in the shape of stars, triangles and cornucopias. One of the prettiest and most unique that I have seen was a child's worn shoe filled with crimson Roses, a half-blown bud tucked through the hole in the toe. Flowers that will keep fresh some time are best for this purpose. The large Ox-eye Daisies in white and gold are very pretty. In New England, where it can be obtained, nothing is sweeter or lovelier than the trailing Arbutus. I have walked miles to gather these spring beauties. It adds much to the children's happiness if they can pluck the flowers from the fields or woods or grow them in their tiny gardens. There is so much more pleasure giving something of your very own. A ramble to the woods for wild Violets, Blood-root, or May-apple blossoms; a visit to the meadow for Clover heads, Buttercups and Daisies; a stroll over the prairie gathering Shooting Stars and gay Phlox, is in itself a pleasant outing, and add to this the making up into dainty gifts the treasures culled from wood, field and prairie, and the frolic of hiding behind doorways, ringing doorbells with an unseen hand, and delivering in a very clandestine manner the May-basket, is joy indeed.

S. Rosella Kelley.
San Bernardino Co., Cal.

A WORD FOR LITTLE GEM CALLA.—Everyone not owning a Little Gem Calla Lily will find themselves fully repaid for the time and money spent in obtaining a bulb. They are truly perpetual bloomers, producing several blossoms at a time, and the bulbs multiply so rapidly one can soon have a fine display from a beginning of only one bulb. Be sure and purchase of a responsible florist to insure getting a true "Little Gem." Avoid using large crocks if an abundance of bloom is desired.

Montcalm Co., Mich.

M. A. G.

HARDY ANNUALS.

MANY of the annuals are almost as frost-proof as bulbs. On the 14th of November I picked a bouquet that for beauty and color could not be rivalled all summer. First were my Chamomile blossoms, all shades from white to dark orange, all double like Daisies, with beautiful leaves fern-like and green; Sweet Peas, with all the sweetness of summer; Nasturtions, from pale yellow to almost black; Mignonette, Pansies, Marigolds, Lavender, Phlox in many colors, Snapdragons, Larkspur, Petunias, Sweet Alyssum and Candytuft. Who would not be satisfied—at least I was, and the friends who shared with me the last spoils of my flower garden. There are many others that are just as hardy as these, and now is the season for planting them. If you select any I have mentioned you will have flowers all summer and long after frost comes. Here in Maine we have to commence to cover our tender plants by the middle or last of September. All of us who have tender plants know the work there is covering and uncovering night and morning. So let us who have many cares and but little time be wise and select those that give the best returns for the least work. Among all the Catalogues I have Mr. Park's is the only one I find tells how long it takes the different seeds to germinate. I think it such a nice idea, and wish the others would follow suit, as it would help many that have just commenced to care for flowers.

Miss E. A. Hatch.
York Co., Me., Mar. 15, 1895.

THE ENGLISH COWSLIP.—The Cowslip is one of the little spring flowers often met with in my home country. I have not seen them here. I always loved them, and often in childhood longed to possess them when I had to satisfy my longing by merely looking at them through the fence pickets. I sent for seeds but they did not come up. I planted in a box, and treated the same as I treat other seeds, as Salvia, Aster, Cosmos, and the like. Can you suggest the reason they failed.

Mettie Best.

Jackson Co., Mo., Feb. 21, 1895.

[Ans.—The Cowslip is known in Catalogues as *Primula veris*. The seeds usually come up in from 15 to 20 days when they are new. Older seeds require a longer time, and after a certain age is reached they will not germinate at all.]

PANSIES.

DON'T plant Pansies or Pansy seed in the hot sun, for it is time and labor wasted. In March I took the covers from large cheese boxes, filled them with earth from an old woodpile; where wood had been kept five or six years, and the rotted chips made the soil as black and rich as earth could



well be. I sifted some of it on top to make it smooth, and planted the seed one at a time (which I always do unless seeds are much smaller than Pansy seed), and an inch apart in rows two inches apart, kept warm and moist but not wet, and out of 205 seeds I raised 198 fine plants. (The seeds were from Mr. Park.) The last of April they looked as if they would beg for larger quarters if they could talk. I selected a place on the north side of the house. The soil was partly yellow clay, and I did not like the looks of it for my part, so I marked the bed out the size I wanted it, dug that out a foot deep and carried it off. Then I put into that hole a barrel of old shoes, chips, bits of broken tile and brick and other old rubbish that I could find about the chipyard. I filled that all over nicely with the same kind of soil in which the seeds were planted, kept well watered, and, oh my, such Pansies! I would go to look at them every day, and always turned away with the thought "Lovely! lovely! lovely!"

Lizzie D. Smith.

So. Fitchburg, Mass., Mar. 15, 1895.

FREESIAS.—I have never grown Freesias in the open air, and so cannot give any definite information as to their hardiness, but would say that if they were planted in a sheltered situation and heavily mulched just before the ground becomes frozen, I have no doubt but that they would do well. It is my intention to try a few another season, and if they do well, a few groups will certainly be a desirable addition to any mixed flower border. When grown in pots for the window garden or greenhouse they deserve all that can be said in their praise.

Chas. E. Parnell.

Floral Park, N. Y.

MISSOURI AGERATUM.

THIS is the *Conoclinium coelestinum*, called also the Mist Flower. The first fall I spent in the Southwest I saw this flower growing by the roadside and in the valleys, but thickest of all where the woodland sloped to the river bank. Here rolled a sea of blossom, the foamy white *Eupatorium* and the feathery blue of the *Conoclinium*, dashed here and there by the flame-like glow of vivid Cardinal flowers, making a wondrous picture painted in the nation's colors, red, white and blue. I could scarcely believe they were not *Ageratums*, until the Botany plainly showed them to be something entirely different. I thought them as pretty. I lifted several from their native haunts, and brought them to the window. They were very easily managed pot plants, but I would not advise anyone else to try them, as they belong to that class of plants that has a well-defined season of bloom, and after that time has passed will not bloom again until the next blooming period arrives. My next experiment was to plant them in the mixed flower border. They took to it so kindly that in three years' time they had their corner of the bed to themselves, having crowded everything else out. They looked very pretty. Now I am trying a new plan, naturalizing them down the woodland slope, around the rockery, and in such nooks and corners as are out of the lawn mower's reach. I like this plan the best of all. Few of us realize how charming these less spick-and-span parts of our grounds may become by planting in them our prettiest wild flowers, *Verbenas*, *Violets*, *Silenes*, *Sabbatias* and *Mist Flowers*, and letting them spread and take possession of the ground in their own graceful fashion. Only don't naturalize them on the front lawn and think you are doing an artistic thing. Wild flowers mean unmown grass, and a front lawn bedecked with frowzy clover-heads and half-ripened grass seed is a long way from being either pretty or artistic.

Lora S. LaMance.

McDonald Co., Mo., Feb. 4, 1894.

THE CARNATION MARGARITA.—If the *Carnation Margarita* is started from seed in the spring, potted in three or four-inch pots, sunk in the ground through summer and taken into the house in the fall, they will blossom all winter in a moderately warm room.

Richard, N. H.

L. T. G.

ARRANGEMENT OF PHLOX AND SWEET PEAS.

LAST spring I purchased of Mr. Park a packet each of Large-flow-ered, Star and Fringed Phlox seed, which I planted in the hot-bed the middle of April. I think every seed must have germinated, as I had thousands of tiny plants. I transplanted them to the open ground about four inches apart, the twentieth of May. They came into bloom about the first of July, and each successive day



STAR PHLOX.

brought out new beauties, every color imaginable from pure white to a beautiful scarlet, pink with white margin, all shades of red with white centers, and the largest flowers were the rich cream colored ones. The Star Phlox was very striking, ranging through all shades of purple and red, beautifully pencilled with white.

Our annual fair was held the second week in September, and I decided to exhibit my Phloxes. I had a diamond sawed from an inch board, sixteen by twenty inches in size, around which I had tacked a narrow strip, forming a shallow box, which I filled with coarse



SWEET PEAS.

wet sand, and the outside I covered with pretty green moss. I arranged the Phlox blooms, putting first a row

of the cream color at the outside edge, followed by a row of white, then pink, and so on down to the darkest shade of red; then another row of white, filling the center with all the shades of purple. I also exhibited my Sweet Peas arranged on an oblong box, fixed as the diamond holding the Phlox was. It was about twenty-five inches long and ten inches wide. I marked the figures "1894" in the center with white Sweet Peas, filling around them with the darkest shades of red, shading down to white, mixing in striped, lavender and blue with the primrose, which is a very light cream color, as they neared the edge, which was pure white, clinging prettily to the green moss. These arrangements for holding the flowers were strictly "home-made," inexpensive and very simple, showing the flowers to good advantage, and I received first premium on them both.

Brownie.

Potsdam, N. Y., Feb. 14, 1895.

NICOTIANA AFFINIS.—I want to speak particularly of *Nicotiana affinis*. Has anyone ever tried it for either outdoor or house culture. It is not excelled by any other plant I have tried for beauty, fragrance, blooming or hardiness. I only raised one plant out in the bed, exposed all day to Kansas wind and sun. I brought it in when frost came, and then it bore eleven of the white, fragrant, star-like blossoms. They close slightly through the middle of the day, but only to reopen at night, to scent the whole room. The blossoms remain several days, and more are continually coming to take the place of those that fall. With a moderate amount of sunshine it bloomed as well in the house as out-doors, and when the light was brought at night the broad green leaves and sweet white flowers made a wonderful show. But my plant froze in one of the blizzards, as did all my others, so I can't tell you how it does in winter, but others say it will keep blooming all winter if not allowed to bear seed. Try *Nicotiana affinis*.

Mrs. Alice Priest.

Sedgewick Co., Kas., Mar. 31, 1895.

FREAKS OF GALTONIA.—My *Galtonia candicans* acted very queer this year. Some of the flowers were double, some with twin flowers, others would grow semi-double. The true flower is a lovely white waxen drooping bell, sometimes fifty flowers to a stalk.

Gaucha Co., O.

Ella.

USE YOUR WILD FLOWERS.

SCILLA SIBERICA.

ON my desk lies a number of English, Dutch and French catalogues. Looking through them I find scores of plants proudly designated as "American" plants, that term being used in such a sense as to imply that American plants are something particularly fine. The sweet little Bird's-foot Violet, *V. pedata*, that some of us could gather by the thousands, is held at the modest price of \$1.80 each, and is "very choice." Time would fail me to give a complete list of these "American" plants our foreign brethren have thought worthy of transporting across the great ocean, but among them are the Trilliums, Meadow and California Lilies, Hepatica, Spiderwort (*Tradescantia*), Pentstemon, Asclepias, native Phlox, etc. I have received personal letters from foreign florists almost begging me to procure them seed of the commonest vines and plants in our groves and meadows. It makes me ashamed that our pretty native vines and flowers must go away from home to be appreciated. Let us turn over a new leaf in this respect, and open our eyes to our pretty flowers all around us. Nearly all of them will transplant easily, and with half the care given our other flowers, will make our rockeries, ponds and perennial borders beautiful the season through. I am often amused at the mistakes people make about these cultivated wildlings, which they often fail to recognize. I once knew a lady to drive several miles to ask me to procure for her a particularly handsome flower. Imagine her surprise when I told her she had passed scores of the same in the woodland as she came, and my own had been dug in those very woods. Another time a party of school girls went wild over a solid border of low-growing plants with wide mottled leaves, and lovely yellow nodding flowers like small Lilies. They were all sure they had seen nothing like it, yet every bulb had been dug by me on a single hillside. They were, in short, nothing but the yellow Dog's-tooth Violets or Adder's Tongue, *Erythronium Americanum*.

Lora S. LaMance.

McDonald Co., Mo.

[NOTE.—Some of our wild flowers are not easily domesticated, as the Trailing Arbutus, *Cypripedium acaule*, and others of superior beauty. But these are only exceptions, for as a rule they are easily transplanted to the garden, and when once there require no further attention except to keep the grass and weeds from choking them out.—ED.]

WHEN I went to the canon last fall to get some suitable soil in which to plant my Sword Fern I found three little white Onion-like bulbs. I planted them, and in January they threw up flower stalks bearing lovely little blue stars. I examined all the floral catalogues to find a name for it. One day while looking over a



SCILLA SIBERICA.

neighbor's plants I found one blooming just like it, and labeled *Scilla Siberica*. I was delighted. I have shown it to a great many flower-lovers, and none of them had ever seen one blooming in our canons. I will send you a sketch of it, but it is a very poor representation. Mrs. H. R. Bell.

Brown Co., Neb., Mar. 19, 1895.

[NOTE.—*Scilla Siberica* is a native of Siberia, introduced in 1796. It is one of our earliest and hardiest spring-blooming flowers. The bulbs can be inserted upon the lawn in a stiff sod, and will show their rich bloom before the grass has started. Once placed the plants can always be depended upon for bloom in early spring.—ED.]

HOME-MADE HANGING BASKET.—I took an old milk-strainer and covered it with a thick coat of red paint. Then I put a row of opened plum-pits around the top and bottom, and filled in promiscuously with the shells of nuts. In the small interstices I sprinkled cane seed. When well dried I filled this vessel with leaf-mold and garden soil and planted it with Kenilworth Ivy, and it is beautiful.

Mrs. L. L. Knox.

Baca, Col., Apr. 2, 1895.

JUNE.

When Clover blows are reddest,
 And Lillies bloom in state,
 And blushing Roses hang their heads
 Above the garden gate;
 When the blue-birds' song sounds dreamy,
 The thrush trills but a bar,
 And that floats through the twilight like
 Sweet notes from Maud's guitar;
 I know it won't be long before
 The bobolink's gay tune
 Will marshal ranks of daisied banks
 With calls of "June! June! June!"

When the woodbine screens the lattice,
 And frames the low porch door,
 And climbing Honeysuckle casts
 Its petals on the floor;
 I watch her from my window, this
 Fair neighbor o'er the way,
 As she wakes with dainty fingers
 Some melting roundelay,
 While thrush and blue-bird warbling, swell
 The bobolink's glad song,
 "When skies are blue and lovers true
 'Tis June the whole year long!"

Cambridge, Vt.

Nella H. Chapman.

TUBEROSES.

IN the January (1895) number of the FLORAL MAGAZINE, "Mrs. R." asks how to make Tuberoses bloom every year. Now, this is about like the "catch" advertisement, is it not, where someone advertised largely to teach any business man or woman how to make one dollar go as far as five, secret sent by mail for only five dollars. When the answer "came by mail" it was a postal on which was written "mail both a one dollar and a five dollar bill to San Francisco." Now, to make a Tuberose bloom every year one would have to throw away the old bulb and buy a new one. But the old Tuberose bulb, if left in a pot or planted out will grow new bulbs, and these new bulbs will in time bloom. That is, one may raise Tuberoses for themselves, but I never saw a bulb that would bloom two years in succession. Gladioli, on the other hand, will bloom year after year if allowed to fully ripen after blooming, then pulled and carefully stored until spring. Tuberoses are slow to bloom, and should be started under glass, or in the house, or else in sunken pots where they can be taken into the house for late fall blooming.

Dubuque, Ia. Maude Meredith.

TIGRIDIAS.—Tigridias are lovely flowers, but are not lasting. I got a few bulbs in 1893, but they did not bloom. In the fall I placed them in the cellar without disturbing them. In the spring I brought the pot up, dampened the soil, and soon they were growing and bloomed nicely.

Mrs. J.

Cable, Ohio.

MY FLOWER SHOW.

ONE day, when going out of my own gate I noticed a pale, delicate-looking woman walking slowly by and looking at my windows. I wondered what the trouble was, and looked back myself, expecting to find that the children had tied the curtains into fantastic knots, but everything seemed to be in good order. "I beg your pardon," said the lady noticing my backward glance, "I was admiring your plants. You can't imagine what a pleasure your windows have been to me this winter. I am unable to walk very far, but I always choose this side of the street so I can see your lovely flowers. It is so refreshing to see something green and growing when everything is so desolate out of doors." My windows faced South. Up to that time I had not thought of their aspect from the street, but had arranged them according to the needs of the plants; but now I began to plan for the pleasure of the delicate stranger. It grieved me sorely to put my blossoming Hyacinths and Daffodils into those sunny windows, thus shortening their time of blooming, but I did it, and my windows were never without some lovely blossom to gladden the heart of the passer-by. I soon began to take great pleasure in arranging my plants so that they would look well from within as well as from without. Through December I had only white blossoms, Polyanthus Narcissus and Roman Hyacinths; but in January I had yellow Daffodils and Jonquils and Freesias. During February I took great delight in arranging my windows according to color. One day, for instance, they would contain pink and white Hyacinths. Another day there would be a display of white, lavender and deep purple Hyacinths. Sometimes it was yellow Daffodils alone. For March a glorious scarlet and white Amaryllis was in bloom with six immense fragrant flowers. A Calla and some pure white Poet's Narcissus stood near it. The other window contained some scarlet Geraniums, a tall scarlet Begonia, and some Sweet Alyssum. Some beautiful variegated plants helped to make the windows bright, and many people have thanked me for my little flower show, so I know my labor was not lost.

Carroll Watson Rankin.

Marquette Co., Mich., Mar. 23, 1895.

IN FAVOR OF MORNING GLORIES.

AFTER all, the old-fashioned Morning Glory in its varied and improved colors is unsurpassed as a climbing plant. It is of rapid growth, and produces dense, handsome foliage, and a great abundance of its glorious flowers every day throughout summer and autumn. In some sections the plant propagates itself so readily from self-sown seeds that it is regarded as a weed. A little care on the part of the cultivator will overcome this trouble, as the seeds do not often scatter till late autumn, at which time the vines may be cut down and destroyed. Do not depend upon volunteer plants. You can get much finer and more varied colors in a choice mixture procured from some reliable seedsman. Sow them in a box and transplant when the plants are large enough. Furnish support as soon as the plants show a disposition to climb. The variety and beauty of the flowers from such plants will be a source of much pleasure and satisfaction every morning during the summer and autumn. They are especially valuable for porches and screens.



MORNING GLORIES.

ARISTOLOCHIAS.—*Aristolochia elegans* and *A. cymbifera* do best when planted out about the middle of May in a deep, well-enriched border in a sunny situation, and during hot weather copiously supplied with water both overhead and at the roots. While the plants are in a state of growth they require close attention as to training. On the approach of frost the plants should be taken up and potted, brought inside and placed where they can be given a winter temperature of 55° to 60°. Endeavor to keep them in a state of rest if possible when inside. These *Aristolochias* can be grown in a warm greenhouse to great perfection by professional gardeners, but amateurs succeed much better with them in the open air.

Chas. E. Parnell.

Floral Park, N. Y.

GLADIOLUS AND PORTULACA.

LAST year a friend gave me some *Gladiolus* bulbs. I had never had any *Gladiolus* before, and did not know how to treat them, but I had read about them requiring sun, so I made a bed against the south side of the house, and filled it with garden soil and sand mixed. Then I planted my *Gladiolus* bulbs in it, and sowed some double Rose-flowered *Portulaca* seed, mixed colors, all over the bed, and as it was a very dry summer I kept the bed wet, for it was close to the kitchen door. Oh, how that bed of plants did grow! Every one of the *Gladiolus* bloomed, and the *Portulaca* was the finest I ever saw. The blooms looked just like little

Roses—they were so double, and there was such a variety of colors that the bed was a great attraction to every one who saw it. The *Portulaca* is so easily grown that I think more flower-lovers ought to try it. It is one of my especial favorites. I also tried it in the cemetery, and it was a success there also, but I gave it plenty

of water. I used the single varieties for the cemetery, as I think they bloom better and make a perfect mat of blossoms, and look so mossy. My treatment for *Portulaca* is as follows: a good sandy soil, and plenty of sun and water. I have seen it recommended for a dry season, as it don't require much water; but give it plenty of water and it will reward you for it, and will bloom till frost kills it. Lucy J. Lundy.

Linn Co., Mo., Feb. 14, 1895.

[NOTE.—The finest *Portulacas* are raised from late-sown seeds, the plants coming into bloom during the cool days of autumn. Sow in July where you wish the plants to stand. The result will surprise and please you.—Ed.]

REMEDY FOR WORMS.—An application of soap suds is sure death to worms in the soil. I take clean water and make a good strong suds and apply to the soil till it runs through into the saucer. Mrs. J. R. Hammond.

Boon Co., Ill., Mar. 8, 1895.

CYPERUS ALTERNIFOLIUS.

THIS palm-like plant is at once curious and beautiful. It belongs to the great Sedge family, and like most of its brethren is perfectly at home in shallow water or growing by the water's edge, but it will also grow in ordinary soil in the garden, though it must be admitted that it is never quite as luxuriant in growth there as where it is supplied with unlimited water. I like it best as an aquarium plant. I know of nothing more beautiful than a glass tank of crystal-clear water through which fishes, gold and silver, red-gold and spotted, lazily float along, their colors flashing as they turn like glints of liquid gold, while over them like a miniature grove of tropic Palms wave the widely divergent, grassy heads of the *Cyperus*, glossy green, gracefully arched, and each a perfect umbrella in shape. It is far handsomer than anything else I have ever tried as an aquarium plant, and is no trouble whatever. I take a healthy young plant at mid-summer, plant it in good rich compost, with a quarter inch sand over the top of the soil. This soon packs down, and will not wash off and foul the water as ordinary soil would do. Then the pot is put in one corner of the aquarium, and the plant receives no other care whatever, save that the top needs an occasional showering to free it from dust. In the spring I turn the plant out of the pot, and gently disengage the matted roots, and divide the plants so as to leave but one crown with its attendant roots to each plant. The best one of these can be planted in the garden and lifted later. I generally plant mine in small pots, and as they get root-bound shift them into one a size larger, until they are in a six-inch pot. There I leave them, as larger pots would be out of place in an ordinary aquarium. It does not hurt them to become quite root-bound. Lora S. LaMance.

McDonald Co., Mo.

[NOTE.—*Cyperus alternifolius* is a very tenacious plant, and if kept well supplied with water at the roots and in a frost-proof place it can hardly be treated so ill that it will die. It is not valuable as a blooming plant, but as an aquarium plant it is not too highly praised.—Ed.]

TO GET RID OF APHIDES.—To get rid of black or green aphids on plants drown them by immersing the plants in water (not too cold) for an hour or two.

Wayne Co., N. Y. Mrs. D. B. F.

DEEP PLANTING OF GLADIOLI.

FOR several years my Gladioli were a failure and I had about made up my mind to give them up. While looking over some floral notes I read that "they should be planted deep." As I had always covered mine about an inch I thought perhaps I had found the cause of my failure. As the note did not say how deep to plant I put mine about three inches deep, and there was a decided improvement. Last spring I made a bed of well spaded, mellow soil in a sunny situation, planted my bulbs five inches deep, kept them moist, and what a grand return they made! The flower stalks were three feet and over in height, while a great many threw out a side branch. There was as much improvement in the bulbs, and I feel very much elated over my success.

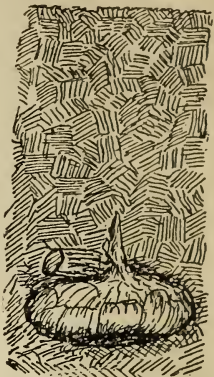
Cable, O., Feb. 11, 1895. Mrs. J.

[NOTE.—One of the advantages of deep planting is that the flower spikes stand erect without staking. When the bulbs are set near the surface every spike must be staked.—Ed.]

ANCHUSA CAPENSIS.—For a blue flower for cutting nothing that I know of is finer than this. It is much like a Forget-me-not in form, but of a more intense blue. It has the added merit of growing in beautiful long-stemmed sprays. The blooms last when cut for many days, growing lighter in color, but losing none of their beauty. Seedlings vary much in color, and also in size of flowers. Some are bright porcelain blue of different shades, others are deep purple blue. It is a hardy perennial blooming the first season if sown early. Clumps mixed carelessly with clumps of *Gypsophila paniculata* make a wonderfully attractive foreground for growing evergreens. If cut for bouquets it should be put in water for a few hours before making up. If used as soon as cut it wilts badly, but after the stems have absorbed sufficient water it keeps well. Try it.

M. E. Hawkins.

Macon Co., N. C., Apr. 2, 1895.



HOOTTUYNIA CALIFORNICA.

THIS beautiful tuberous plant, also known as *Anemiopsis Californica*, should be more extensively cultivated. It is a lovely plant, but has never been thoroughly introduced. In nearly every florist's catalogue one sees glowing accounts of the California Brodiaea and Calochortus, and even the California Poppy, known under the barbarous name of *Eschscholtzia*, has its due mead of praise. In but one catalogue

have I seen the *Houttuynia* offered, and at 50 cents to \$1.00 each. This plant is rare and grows in very few localities. It thrives in low, marshy land, and is semi-aquatic in character. It is, however, of easy culture, and given rich, heavy soil, and an abundance of water, it is a plant to be proud of. It has a thick, tuberous root, large, broad leaves of a deep green color tinted and shaded with red, and beautiful,

large, white flowers on long stems, standing high above the foliage. The flowers open flat, with four to five petals, and have a large calyx similar to the Calla Lily, but not so long and much thicker. This calyx seems to be covered with pearly white, overlapping scales. The petals of the blossoms, when first opened, are pure white, a dainty, shining white, pure and clean, but in the course of a few days they change, and become mottled and blotched with crimson. They are

most excellent for cut flowers, owing to their long stems and lasting powers. The flowers remain perfect on the plants for weeks, and in water much longer. It grows in the hottest sunshine, and is in bloom from April until the nipping frosts. A field of these plants is a gorgeous sight. Here one finds blossoms in various sizes and stages of development. No two flowers are ever alike, either in size or coloring, and they fill the air with a dainty, subtle fragrance. As a pot plant it is a success, also for growing around the ponds of aquatics.

This tuber is the Yerba Manza of the Mexicans.

The Mexicans pass by all ornamental vegetation and call it and christen the useful herbs only. No Mexican will allow a sprain or rheumatic pain to be bandaged with aught save Yerba Manza. It is claimed to be a specific. The roots are boiled in water until pulpy and applied as poultices. A beautiful pink dye is also manufactured from the roots, which are numerous and quickly increase in this mild climate. They

are easily obtained in great quantity in certain localities where the plant is found.

Eleanor M. Lucas.

Alameda Cal., Cal., Feb. 16, 1895.

[NOTE.—Sometimes a contributor from San Diego county, California, sent the Editor blooming plants of *Anemiopsis*, from which the accompanying sketches were prepared. The flowers are rather coarse, but showy and handsome, and the plants indicate vigor and tenacity in roots, foliage and bloom. It is a flower well worth introducing for ornamental purposes, aside from its medical and economic purposes. It would probably do well along the margin of ponds or streams, and is worthy of trial.—Ed.]



ANEMIOPSIS CALIFORNICA.—PLANT AND FLOWER.

A PRETTY BASKET PLANT.

CRASSULA CORDATA is one of the most satisfactory basket plants I have ever grown. For winter-blooming it is eminently desirable, seeming impervious to extremes of heat or cold, long periods of drouth, or daily deluges from the tea or coffee pot. Mine has been a much abused and cruelly neglected plant for months at a time, but has been so very pretty all winter that it has at last become quite a pet. Yet it is apparently as indifferent to over-attention as it was to neglect, and calmly pursues the even tenor of development it seems to have marked out for itself.

Mr. Park sent me a fine young Crassula a year ago last November, but it was broken off in the mail quite close to the base. All winter it only put forth two new leaves and seemed only to be alive. When spring came, however it began to grow rapidly, throwing out new branches all around, and strong shoots coming up from the roots. The central stalks I trained over a circular trellis; the others hang down over the basket. Each of them has sent out other branches, and the basket is almost entirely hidden by the mass of thick, heavy foliage. The leaves are large and waxy looking, "fleshy" looking some people describe them, and are of a rich, deep green. For weeks every long branch on my plant has been tipped with a fine, large panicle of delicate, lovely blossoms, and fresh bunches are shooting out from almost everywhere. The flowers are exquisitely pretty, with an "airy fairy" charm one never wearies of. Not long ago one of the heavy branches was accidentally broken off. I planted it in a pot with another plant, and it has gone on blooming quite undisturbed by the severance from its parent, and buds, in a tiny cluster, that were just revealing themselves have almost developed into full-grown, perfect flowers. This is indeed one of my most treasured plants, and I trust it will long live to beautify my window with its lovely bloom. Mrs. S. H. Snider.

Napinka, Man., Jan. 29, 1895.

[NOTE.—Mrs. Snider does not speak too highly in praise of *Crassula cordata* for the amateur's window. For winter-blooming, as well as for handsome foliage, it should have a place in every collection. You can hardly treat it so carelessly that it will die or even refuse to bloom.—ED.]

STOCKS.

IN England, where my ancestors grew large quantities of this flower, called by them Gilly or Jelly-flower, it was a great favorite. Having heard so much of it and its odor, it was but natural that I should desire it among my floral treasures. The seeds always germinated quickly, but the plants, though never so vigorous, would not bloom well. Finally a French florist told me the reason of my failure. I started my plants too late in the season. They might attain size, but not maturity for blooming. Last year my plants were large enough to be transplanted to the garden by the middle of April. Heretofore I had never sown my seeds before the first of May. So it happened that unless all things favored the development of the plants this sowing was about two months too late. While a well developed specimen of Stock is a beautiful plant in the garden its attractiveness is doubled as a pot plant. I potted some of my choicest plants last fall. They bloomed all winter in the sitting room, and filled the air with fragrance. The spikes of bloom are simply beautiful. I can compare nothing else to them, and expect them to take a second place.

More and more I am beginning to look with favor on annuals for winter-bloomers. So many of them excel the so-called greenhouse plants. And chief among them is the Gilly-flower. It will endure drouth, heat, cold and neglect to a surprising extent. Just try them and be convinced. Lina.

McLean Co., Ill., Mar. 16, 1895.

ROBINIA HISPIDA.—Two years ago last spring I had cions of Sweet Pea shrub or *Robinia hispida* grafted into the common Honey Locust, two buds on each cion and six cions to each tree. The first year they blossomed twice; last year three times, through the months of May, June and July, and they were beautiful. All they lack is fragrance, for the clusters of scarlet buds, mossed over like a Moss Rose, are lovely with the pink of the opened flowers. The trees were the admiration of all. Ella.

Geauga Co., O.



ABOUT PETUNIAS.

I NEVER had success in raising flowers until last summer, and I thought I was one of those persons who never have any "luck" with flowers. But last summer I had such success that I became perfectly infatuated, and the little flowers so endeared themselves to me that I gave up trying to smother down my love for them. Last spring I discovered in one of my flower beds hundreds of little plants coming up. They proved to be Petunias. Well, that bed of single Petunias, all colors, was a lovely sight all summer. I transplanted some of them, and had another bright spot in my back yard. I also gave away to all who would receive them. I would say to all busy women that it is possible and easy to raise Petunias; and although they are not very handy for bouquets, yet they brighten the yard and are a pleasing sight to behold, as well as being very fragrant.

Mrs. Hetty G. Evans.

Reynoldsburg, O., Mar. 15, 1895.

CHIP-DIRT FOR PLANTS.—I find nothing better for almost any kind of plants than chip-dirt. If it seems a little too light for some plants I mix sand with it until it is heavy enough. I have found it to be well adapted to growing everything almost to perfection, excepting Dahlias, and they grew only too well, and were too rank to bloom well. So to counteract that I used some clay in the soil for them. Fuchsias, Amaryllis, Agapanthus, Farfugium, Begonias, Oleanders and Abutilons fairly revel in it. Add one-third sand for Chrysanthemums.

Lizzie D. Smith.

So. Fitchburg, Mass.

FRUIT TREES FOR SHADE.—Do not plant a Maple in your yard for shade. It runs roots near the surface of the ground, and extracts all the moisture from it at the expense of everything else. If you enrich and mellow the ground the Maple will throw out feeders at that spot. If you wish shade why not plant a group of Cherries or an Apple tree. The red Astrachan is a nice tree in growth, also the Transcendent Crab-apple. These are fine trees in growth, branch well, and make a fine shade.

Mrs. M. E. Ronald.

Adams Co., Iowa.

ACALYPHA MACAFÆANA.

I HAD often read descriptions of the fine foliage of the *Acalypha Macafæana*, so purchased a plant. It was set in good rich soil, on the south side of the house, where it had the sun all day. I was disappointed in the color of the foliage when it came, but thought it would change. The prevailing color was a dull, reddish brown, with a few spots of red. It grew finely, but every new leaf added to my disappointment. The latter part of summer it was potted and set in the conservatory, where it had a high temperature, but the result was the same. Will someone who has had experience with this plant give particulars of its culture.

H.

Litchfield Co., Conn., Mar. 29, 1895.

[NOTE.—The foliage of *Acalypha* is not brilliant like *Coleus*. The colors are softer and milder, after the style of autumn leaves.—ED.]

FOR THE CHILDREN.—A flower-bed belonging exclusively to the children in a family, in which they may dig and plant and cut flowers when they please, for mamma's birthday, for the church on Children's Day, for May-baskets or for Decoration Day makes home dearer to the young folks, and is one way of teaching them the blessedness of giving and laboring for others.

S. Rosella Kelley.

San Bernardino Co., Cal.

ZANZIBAR WATER LILY.—A flower not commonly grown, but almost as simple in culture as the Chinese Primrose, is the Zanzibar Water Lily. The plants are unique, flowering freely from July until the frosts of autumn, from seed sown in the spring—their pink, white and blue flowers attracting much attention from their beauty and oddity.

M. A. G.

Montcalm Co., Mich.

SOIL AND ROSES.—I think perhaps the soil has something to do with our success with Roses. In the same garden with Roses that will not grow for me I have a Falcot over six feet tall, which is covered the whole season with its lovely buds, and Bride Roses five feet or more, bearing Roses that for size and beauty I have never seen equalled.

Cornelia.

Somerset Co., Md., Mar. 26, 1895.

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THE EDITOR invites correspondence with all who love and cultivate flowers.

MAY, 1895.

PERISTROPHE VARIEGATA.

IN another column reference is made to the Order Acanthaceæ. In that order is classed the beautiful *Peristrophe* shown in the engraving. The leaves are green with golden centre, and often golden stems, and on this account the plant is one of the most showy and admirable of foliage plants for the window. In the late winter and the early part of spring it is particularly attractive, for at this season it displays an abundance of its odd-shaped, rich flowers.



The flowers have a half-twisted tube, two prominent lobes and two stamens. The illustration shows the bloom fairly. The narrow lobe has a bright yellow speckled spot, and the cross on the broad lobe represents the two anthers, which stand at right angles, and the pistil extending almost to the tip. The plant is easily grown, and is said to be desirable for bedding as well as for pots in the house.

FOR DENSE SHADE.—For a densely shaded place plant hardy Myrtle, Lily of the Valley and hardy native Ferns.

CUPHEA ZIMAPANI.

THIS *Cuphea*, although not so large and attractive in flower as the *Cuphea tricolor*, is, nevertheless, a species worth cultivating. The flowers are rich in color, the large wing petals being of a striking violet, odd and beautiful. The plant is an annual, readily grown from seeds, quickly



comes into bloom, and continues to bloom for some weeks. *Cuphea platycentra*, the Segar plant, and *C. tricolor*, the new variegated sort are both valuable pot plants for either winter or summer. *C. Zimapani*, however, is valuable only as a summer flower, and for rather close observation. If simply given a casual glance its beauty may not be appreciated. The little sketch represents a blooming branch. The flowers are borne in the axils as indicated, and the buds are produced and develop in succession as the plant grows.

A FAULTY ROSE.—Mrs. Rankin, of Mt. Oliver, Pa., has a hardy summer Rose which bears flesh-colored buds, but they wither and dry up before they develop. She wants to know why they do so, and if anything can be done to prevent it. She is informed that it is a characteristic of the Rose in question to drop its buds. Great quantities of the buds are produced, and only a few of the earliest develop or show their charming colors. Mulch the plant, and trim out the over-burdened branches, so as to throw the strength into the remaining branches and buds.

PRUNING ROSES.—Everblooming Roses should have the dead branches pruned off early in the spring, and afterward the blooming branches should be cut back with the decaying flowers. Prairie Roses should be pruned in midsummer, after the bloom fades.

A HANDSOME ACANTHAD.

A HANDSOME WEED.

PLANTS of the Natural Order, Acanthaceæ, are either herbs or shrubs with opposite, simple leaves and regular bracted flowers. The calyx is five parted, and the corolla five-lobed, tubular below, somewhat bilabiate, convolute in the bud. Stamens didynamous or diandrous, inserted on the corolla tube. *Thunbergia* and *Ruellia*, both well-known flowers, belong to this order, and so does the one here illustrated, but it is hard to know just what to name it. Some call it



ANISOPHYLLA (GOLDFUSSIA).

Anisophylla goldfussia, some *Goldfussia anisophylla*, some *Ruellia anisophylla*, and some *Ruellia persicifolia*. Dictionary of Gardening names it *Strobilanthes anisophyllus*, this name meaning unequal-leaved cone flower.

But whatever the plant may be called, it is a desirable one for the window garden, as it is easily grown, assumes a symmetrical form and blooms abundantly in winter, a dense cluster of buds appearing from the axil of almost every leaf, as indicated in the engraving. The flowers are of a delicate lilac color, and contrast well with the brownish-green foliage. They last only a short time, but new buds are continually developing, so that the display is kept up for many weeks. Each flower is subtended with a calyx of five segments supported by bracts, as shown in the small figure. Altogether the plant is graceful and handsome, and its merits are such as to commend it to every lover of easily-grown and sure-blooming and handsome window plants.

THROUGHOUT many of the States east of the Missouri River a plant with lace-like umbels of white flowers may be seen in neglected fields and by the roadsides. The flowers are very pretty, and are greatly admired as a background in bouquets and floral designs. A lady in Illinois encloses a few seeds of the plant with the following note:

Mr. Park:—You will find enclosed some seeds of a very pretty wild flower that grows out in the country south of our city. They are very suitable for weddings or funerals, and are also very nice to weave into bouquets with any color that goes with white. Some bunches of flowers are as large as a tea saucer. Sometimes the bunches have as high as a thousand small flowers on them. I do not know the name of them. They must be planted in the fall.
E. A. F.
Champaign City, Ill.

The little illustration represents one of the spiny seeds enclosed, and those who are acquainted with the seeds of the garden Carrot will recognize the plant from the seeds.

It is known botanically as *Daucus carota*, and the wild form is regarded by botanists as the original or typical species. It is not a native weed, but came to this country from Great Britain, probably as a vegetable, but escaping cultivation it has spread over the country as a weed. It is not difficult to eradicate, however, as the plant is a biennial, and if kept from seedling it will soon disappear. The plants grow from eighteen inches to two feet high, and bear their exquisite large umbels on long stems. There is considerable difference in the size of the flowers, and the general appearance of the umbels. Some are much more delicate and handsome than others. This shows that its beauty is capable of improvement. It might become a fashionable flower some time. It is handsomer than the Ox-eye Daisy, and could be better utilized than that flower. As yet it is not generally recognized as an ornamental flower.



LAVENDER.—This may be grown from either seeds or cuttings, and is highly prized for its fragrance. It does well bedded out in summer. The branches should be cut for drying about the time the plant comes into bloom.

ABOUT PERENNIAL PLANTS.

POTTED perennial plants intended for winter-blooming should be shifted from pot to pot as they grow until they are in blooming-sized pots. Then plunge them out and allow them to remain till the middle of September, when they should be taken up and given a place in their blooming quarters. While they are plunged out do not let the blooming stalks appear. Pinch them back as soon as they start. This is the treatment recommended for young plants, or those started early in spring from cuttings or seeds. Older plants should be lifted and divided early in spring, which will cause renewed root and top growth, and mostly retard the blooming period. If these plants are grown in pots as recommended for seedlings and rooted cuttings the pots plunged when the plants are of sufficient size, they may be taken up in autumn and placed in a cold-frame or pit, and used for early spring blooming. When so wintered they should not be given direct sunlight or kept too warm, as that would start the growth, which would not be desirable. They should also be sparingly watered under such conditions—simply enough to keep the soil moist, and the roots in a healthy state.

Garden Perennials that require to be kept in the cellar or pit during winter may be lifted carefully in autumn, with considerable soil, so as not to disturb the roots, and kept in boxes. Avoid over-watering and too close an atmosphere. An upper shelf in the cellar is desirable for such boxes of plants. As a rule, however, most of our herbaceous perennials are hardy in the ground if well established and protected by a frame of boards filled with evergreen boughs.

Perennials that have once bloomed in the house in winter should be set out in the spring and new plants started, either by division, or from cuttings or seeds. The younger plants are more vigorous, and produce the finest flowers.

WILL PERENNIAL PHLOX MIX?—

There is no danger of plants of Perennial Phlox changing the color of their flowers or mixing on account of the proximity of varieties. The seeds they yield, however, are likely to produce different colored blooms from those of the parent.

CENTAUREA CYANUS.

ONE of the best hardy annuals is *Centaurea cyanus*, popularly known as Corn Bottle and Bachelor's Button. The seeds may be sown either in spring or fall, and the plants begin



CENTAUREA CYANUS.

to bloom early in summer and continue till late in autumn. The flowers range in color from white to rich blue, and they also show various shades of pink as well as handsome variegations. Those who know only the old-fashioned sorts will be greatly pleased with the newer varieties which are so diversified in color. Recently there has been a new double-flowered form developed and almost simultaneously a kind of dwarf habit. A plant of the latter is represented in the little engraving. All the varieties, both old and new, single or double, tall or dwarf, are desirable, being showy in beds, continuous in bloom, and valuable for bouquets. Don't fail to sow a few seeds of them this season.

TEA ROSES.—These do well bedded out. The best time to prepare and plant the bed is in May. The plants will then become established before hot weather comes, and will grow and bloom well during summer and autumn. Planted at this time, too, the bunches become firmly rooted and strong, so that they will mostly endure the winter. The bed may be in a sunny exposure, but as hot weather approaches mulch it well with stable litter. This will keep the ground moist and cool, and greatly promote the vigor of growth and bloom. In the North the Marechal Niel, Perle des Jardins, Niphetos and many Roses used for greenhouse culture are of little value out-doors. But most of the finer Roses, as Marie Guillot, Marie Van Houtte, Mme. Lambert, Viscountess Folkestone, LaFrance, Archduke Charles and others do well.

MARGUERITE CARNATIONS.—In Southern Pennsylvania the Marguerite Carnations, unprotected, have proven entirely hardy in the open ground the past winter.

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ALKAVIS is a positive cure for Kidney, Liver and Urinary Diseases. It is from the new Polynesian shrub, **KAVA-KAVA** (botanical name: *Piper Methysticum*) described in *New York World*, Feb. 8, 1893, and *Med. et Gazette*, of Dec., 1892. Endorsed by the Hospitals and Physicians of Europe as a sure Specific Cure for Kidney and Bladder Diseases, Diabetes, Bright's Disease, Brick-Dust deposits, Rheumatism, Liver Disease, Female Complaints, pain in back, etc. Sold at *Two Dollars a Bottle*. Descriptive Book sent free to all.

Souv. de Bonn Abutilon, 4 cts. each.

Also Plumbago coccinea, Brugmansia suaveolens, Cuphea llava and hundreds of other choice new flowers, all offered in **PARK'S SURPRISE LIST OF PLANTS**, issued about May 1st. Send for it. It will abound with illustrations and truthful descriptions. It offers almost every greenhouse plant you can think of, and at surprising prices. This list will only be sent out to applicants Do you want one?

SEEDS FOR CEMETERY FLOWERS.

Verbena Candidissima, pure white, fragrant flowers; always in bloom 10
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Carnation, New Margaret, pure white, fragrant, very pretty 10
Sweet William, Double White, an exquisite hardy, fragrant flower 10
Indian Pink, large-flowered, double, fine white, plain and fringed. 10

The entire collection, 7 packets, plants sure to bloom, for 50 cents. Address, **GEO. W. PARK, LIBONIA, PA.**

FUN If you want Fun, get our **Comic Book**. It will make you laugh. We also have **Puzzle Books, Story Books, Etiquette Manual, Music, Magic Books, etc.**, and to introduce our goods, will send 10 Volumes postpaid, also 5 mos. subscription to a splendid journal, all for 10 cents, silver or stamps. Address **YANK PUBLISHING CO., Boston, Mass.**

Mention Park's Magazine.

Write to **FRANKLIN PUTNAM, 485 Canal St., N. Y.**

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who **STARTS MEN and Women in Practical Photography to earn money at home. Starts Right!** I Don't foot away money on a "Dummy" apparatus. But small means and no experience required. It will **PAY YOU.**

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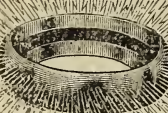
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Paid for 1853 Quarter: \$10.00 paid for 1853 half dollar; \$2.00 for 1853 cent; \$1.00 for certain dollar, and other enormous prices given for hundreds of dates and varieties of **Old Coins, also Stamps.** Don't pay a dollar for a book when we send you **Two Complete Books**, illustrated, strictly reliable, with names of honest **COIN and STAMP DEALERS** who will buy of you. The two Books sent postpaid for only **10c.** silver or stamps. Address **U. S. SUPPLY COMPANY, LYNN, Mass.**

Mention Park's Magazine.

A Triumph of Modern Ingenuity and Science.

The "Conqueror" Electric Ring



For the cure of Rheumatism. We offer an electric ring superior to all others, both in magnetic properties and appearance. Don't suffer unspeakable misery of Rheumatism, Neuralgia, Sciatica, Insomnia, and Nervous Disorders, but be cured, as thousands of others have been, by this ring. The insertion of the electro-magnet into ring, of gold, silver and other metals of intrinsic value, is an innovation that places our ring far in advance of all other so-called electric or magnetic rings, as the most skeptical will admit that where there is an electro-magnet there must be electricity, and as we insert a genuine **Electro Steel Magnet** in each ring, there can be no doubt of its magnetic and curative powers.

This ring is made of fine rolled gold plate, and in appearance is equal to the finest gold ring. It purifies the blood, quickens the circulation, helps digestion, and tones up the system. Try it and be cured forever. "This ring is indeed a blessing to suffering humanity. No better ring than the "Conqueror," has been sold extensively for \$5.00 each, and thousands for \$2.00 each. We are the manufacturers of the "Conqueror" Ring, and have made Electric Rings under other names for parties advertising same for years. We have Five Thousand (\$5,000) Rings now on hand that we made up for a large advertiser, but, owing to financial troubles, could not take them, and to turn them into ready money quickly, we have decided to give the general public the advantage. We will send a ring by mail, postpaid to any address upon receipt of Forty Cents (stamps taken). In ordering, send a slip of paper the size of finger. Address plainly,

EDGAR & CO., P. O. Box 5308, BOSTON, MASS.

Mention Park's Magazine.

CHILDREN'S CORNER.

Here is a letter from a little friend in Alabama. And what do you think came with her letter? Why, two tiny bags of seeds, all sealed up, and a drawing of the plant with name plainly written on each bag. To show how the drawings appeared the Editor had them engraved to publish with the letter:

Dear Mr. Park:—I have just received my Magazine for February, for which I thank you. I waited anxiously for it, as I wished to show it to some other little girls. I have distributed the extra copies, and secured several subscriptions for you. Please send me a few more extras. I take an interest in our charming Magazine, and am working in its favor all the time. There are many



Weeping Arborvitae.



Yucca

flower-lovers in Selma who would appreciate the Magazine if they knew of it, as the Selmians try to excel each other in gardening. The little boy, Dan Sanders, of Sardis, who sent for the Orange last fall, killed it by over-watering—drowned it out. Since then he lost all his plants, but will begin again, he told me lately.

Dallas Co., Ala., Feb. 18, 1895.

Miss L. H.

This is one of a host of little flower-lovers who are working for the Magazine, and many are securing the premium seeds or the premium watches offered for clubs of subscribers. The Editor thankfully acknowledges the favors received, and hopes she may meet with as much success in her floral work as she meets in her efforts to secure subscribers for the Floral Magazine.

Grafting Malvaceae.—Can the Abutilon be grafted upon the Hibiscus, or the Hibiscus upon the Abutilon?—Mrs. L. H., Selma, Ala.

17 NEW BOOKS GIVEN FREE.

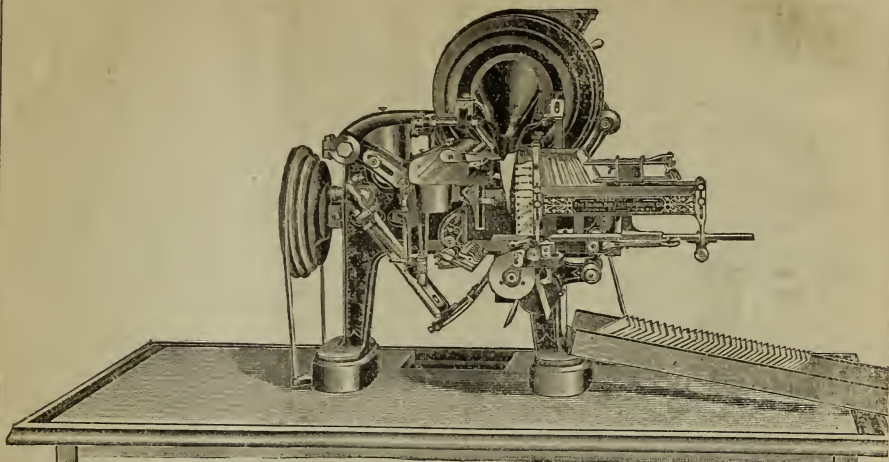
THIS ADVERTISEMENT MEANS JUST WHAT IT SAYS and we will forfeit \$1,000 if not as represented. The 17 BOOKS that we give FREE are each neatly printed and unique. All are exceedingly interesting, and some are often considered worth their weight in gold. **THEY WILL PLEASE ALL WHO GET THEM.** Read the list and conditions below:

1. **Manual of Etiquette**, for both sexes, by a famous author. A valuable common sense guide which you should possess.
2. **Book of Fun**. A collection of witty sayings, jokes, refined humor.
3. **Volume of Information**. A little cyclopaedia containing facts about hundreds of things that you often want to know. Revised up to date.
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7. **Puzzles for all**. A book of riddles, conundrums, etc. Such a collection is often wanted.
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HERE ARE THE TERMS. You shall have the 17 complete Books FREE, postpaid, if you send 25 cents to pay for a one dollar size Box of KA-KO TEA. Our great free book offer is made for the sole purpose of introducing this TEA in every part of the country at once. We know that every person who gets a BOX OF KA-KO TEA will recommend it to neighbors and thus increase our sales. Our offer is honest and straightforward, we could not afford to displease anybody, we guarantee absolute satisfaction or will send your money back. *Be careful you do not receive the Library of 17 Complete Books above described, and a dollar size Box of KA-KO TEA, all postpaid, if you send 25 cents (in silver or money order), or 25 CENTS in stamps to*

9. **Love**. A little book that will tell you how to gain and maintain the love of another.
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14. **Dream Book**. Interpretation of dreams, by Mme. Le Normand. Excellent.
15. **Facts about Mormonism**. A thrilling book, chaste yet sensational.
16. **Sweetest Songs**. Old and new melodies, including the very latest.
17. **Best Cooking Recipes**. A fine collection which won a \$1,000 prize.

REX CO., Dept. 24, Philadelphia, Pa.



PACKING SEEDS BY STEAM POWER.

The above illustration represents the new Seed Packing Machine in use at Park's Seed Establishment. This machine is one of the triumphs of mechanical genius, and its use has so reduced the labor of packing that flower and vegetable seeds may now be purchased at less than the cost of hand packing. It will fill, seal and count 3000 seed packets per hour, measuring the seeds accurately and sealing the packets in a thorough manner.

The upper part of the machine, you will notice, is a large metal cylinder, at the rear of which is the seed hopper. In front of this cylinder, at your left, is a long trough, in which the empty seed-bags are placed. In manipulating all that is necessary is to keep up the supply of seeds by filling the hopper, and the supply of seed-bags by filling the trough. This work can be done while the machine is going, so that there need be no cessation in its action. From the

hopper the seeds pass into the cylinder which is fitted with elevating cups inside, and constantly revolving. At each side of this cylinder is a central opening, allowing the measure, operated by an arm and cam to protrude. At the upper left corner of the machine you will notice an arm which carries a hopper and an opening bill. Another arm extending from near the drive wheel toward the foot of the machine at your left, carries a grabber. These arms rise and fall at each operation. As the upper one falls the bill enters an empty envelope, then opens, spreading the envelope, (the wedge-shaped object near centre of illustration). Here it remains stationary a moment while the measure deposits the seeds. In the meantime the lower arm rises, and the grabber grabs the filled envelope, and lowers it to the small cylinder near the base. Here a series of tuckers appear and tuck the closed and gummed lappet under a brass rod, where it remains till the cylinder makes a partial revolution and drops it into the receding trough, ready for mailing or boxing. This machine is made by the Brown Machine Company, of Fitchburg, Mass.

FREE! 33 GREAT STORIES!

Here is the big Literary Bargain. This list of 33 Great Stories by Famous Authors is comprised in nice Compact Books, each well printed with clear type. Such stories as *Sign of the Four*, *Haunted Man*, *Study in Scarlet*, *Death of Sherlock Holmes*, etc., by the celebrated *Coxsey Doyle*, have caused a tremendous sensation in the literary world and are known as the greatest stories of their kind ever written. We now offer to give you the 33 Stories Absolutely Free. Books of Detective Exploits, Love, War, Adventure, the Sea, etc. We send them all neatly wrapped in one package. Read the offer below:

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| 10. Story of a Breakfast. | 21. Virg'a Bridge Builder. | 32. Two Ghosts. |
| 11. The Haunted Man. | 22. Betrayed by a Dog. | 33. To the Jury. |

OUR OFFER: In order to get you to give our new and charming magazine a trial and to help introduce it into thousands of homes where it will be appreciated we will send you the above named 33 FAMOUS STORIES (all in Book Form), post-paid, ABSOLUTELY FREE, if you send us only 10c. silver or 12c. stamps to pay for 3 months' subscription to our popular monthly magazine, together with the names of three or four persons who may be persuaded to subscribe after we send sample copies, 3 Subscriptions and 3 Sets of Books (99 stories) for only 25c. We Guarantee Satisfaction. Address plainly,

P. F. CUSHMAN & CO., Publishers, 7 Water St., Boston, Mass.

When answering this advertisement please mention Park's Floral Magazine.

CHOICE BULBS, WARRANTED TO BLOOM.

New Spanish Iris, 3 for 10c, 7 for 20c. French Hybrid Gladiolus, 5 for 10c, 13 for 25c. Lovely Dbl Pearl Tuberoses, 3 for 10c, 7 for 20c. The 11 bulbs 25c. Catalog with every order. Alfred F. Conrad, Box 7, West Grove, Pa.

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Can qualify for situations in Architects' Offices by the home study of *Architecture and Drawing*. Students make rapid progress in learning to **DRAW and DESIGN**. Twenty Technical Courses. Send for FREE Circular, stating subject you wish to study. To The International Correspondence Schools, SCRANTON, PA.

Mention Park's Magazine.



STAMMERING

I make a legal contract to cure Stammering in FIVE DAYS, or get no pay. Free Pamphlet. Gibbon's Stammering School, Room 59 Mass. Bldg. Kansas City, Mo.

Mention Park's Magazine.



WONDER CABINET FREE. Tisling Link Puzzle, Devil's Bottle, Foot-Camera, Latest Wire Puzzle, Snook Photos, Book of Sleight of Hand, Total Value 60c. Sent free with immense catalogue of 1000 Bargains for 10c. for postage. INGERSOLL & BRO., 65 Cortlandt Street N. Y.

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MANN'S BONE CUTTER on trial. Try it before you pay for it. Nothing on earth will

MAKE HENS LAY

Like Green Gut Bone. Ill. catz. free if you name this paper. F. W. MANN CO., MILFORD, MASS.

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ONE YEAR'S TRIAL

1895 Our bicycles are the best makes, latest models, with all the '95 improvements. Strictly up to Date.

To Save You 50 Per Cent. by our new method. Membership Free with each wheel. Why buy of the retailer and pay large profits. For full particulars and Catalogue Free, address

NATIONAL MERCHANDISE SUPPLY CO., DEPT. A34
243 to 253 Wabash Ave., Chicago.



\$25 to \$50 per week, to Agents, Ladies or Gentlemen, using or selling "Old Reliable Plates." Only practical way to replace rusty and worn knives, forks, spoons, etc.; quickly done by dipping in melted metal. No experience, polishing or machinery. Thick plate at one operation; lasts 5 to 10 years; fine finish when taken from the plate. Every family has plating to do. Plates sold readily. Profits large. W. F. Harrison & Co., Columbus, O.

Mention Park's Magazine.

Rubber Hose, warranted, coupled, spray nozzle every 50 ft. Best 9c., good 7c. foot. Catalogues mailed. Mineralized Rubber Co., 18 Cliff St., N. Y.

Mention Park's Magazine.



I HAVE ENJOYED Moustaches for Tots. Goatsbees Co., Full Beards 50c., under Chin or Side Whiskers 40c., Buffalo Bill, Negro, Irish, Quaker or Bald Wig 75c., each. Mention color. Do you want one of these heavy Rolled Gold Rings? Send size of finger and 10c. in silver for postage, etc., and I will mail you one with large catalogue of Wig, Rings, Tricks etc. free. Agents make big pay. C. E. Marshall, Lockport, N. Y.

Mention Park's Magazine.

Fancy Work Book--Free.

Latest things in fancy work. Over 50 illustrations. Send us 25 cents for a six months' subscription to **INGALLS' MAGAZINE**, and we will send you Ingall's Fancy Work Book for 1895, Free. J. F. INGALLS, Lynn, Mass., Box 52.

LADIES, If you have superluous

HAIR ON THE FACE

send for new information how to remove it easily and effectually without chemicals or instruments. Correspondence confidential in plain sealed envelope. Mrs. M. N. PERRY, box 93, Oak Park Ill. Say you saw this in Park's Floral Magazine.

About Begonia Rubra.

Mr. Park:—I have a large Begonia rubra. Please tell me what to do with it. It is in a ten-inch pot. Last year I put the pot in the ground in April, and a young shoot came up. It is now four and one-half feet high, and is very near the edge of the pot. Had I better cut off the old part, and put the shoot in a larger vessel, or would it be better to change it all together. It has no blooms on it now, but it was full of flowers right along for about eighteen months, the admiration of all who saw it. Aunt Debbie (age 78 years).

Randolph Co., Ind., Mar. 1, 1895.

Ans.—Cut off the old plant at or below the surface soil, and leave only the new shoot. This will throw the strength of the plant entirely into the new shoot, and increase its growth and bloom. The old part may be cut up and the pieces placed in sand. It will thus make many young plants for yourself and friends. It is a peculiar characteristic of Begonia rubra to renew its life by throwing up new, vigorous shoots from the roots, and as they appear the older ones should be cut away as directed. Each successive shoot will be larger and more vigorous than its predecessor, and as the plant increases in size it should be shifted into a larger pot. It is not uncommon for vigorous young shoots to reach six feet or more in height, with a broad, spreading, tree-like top. When such a plant is freighted with bloom it is an object of surpassing beauty.

My Summer Flowers.

Dear Band:—I sowed some Sweet Alyssum and Mignonette seed in a bed, and was surprised that they grew and blossomed. This flower bed was along the front path, and scarcely a caller or visitor passed down the walk without noticing and commenting upon my pretty flowers. I had sowed in boxes in early spring some of Mr. Park's seed of Phlox, Balsam, and double quiver Aster. These I transplanted, and the few plants of these that survived everything grew and blossomed and were just lovely. Along the garden fence I sowed Sweet Peas, and these grew and thrived and were full of lovely blooms all summer. Also I had two common Zinnias—at least, I called them common when I transplanted them, but they grew up into two handsome little bushes, just full of blossoms. One had single blossoms on it, and the other was a double one. We picked them off for bouquets all summer. They were as large and handsome as Dahlias, and I allowed the children to pluck them occasionally. Before frost came I picked two large bouquets of over fifty blooms each. I did not have very good success with my Moon-plant, which I watched with so much care, and I wanted it to bloom before frost. But the first bud was just ready to open when a hard frost came, and my disappointment was great.

Mrs. Hetty G. Evans.

Reynoldsburg, Ohio, March 15, 1895.

Exchanges.

Mrs. J. W. Brownell, West Plains, Mo., has Violets, Roses, Chrysanthemums, Lilies, etc., to ex. for fine house plants.

Jessie Hill, 20 DeForest St., Cleveland, O., has seeds, roots, cuttings, curios or coins to exchange for seeds or plants; send list.

Miss Mae Gregg, Rapidan, Minn., will exchange Amaryllis for Roses, Chrysanthemums or Begonias; send for two; no return.

Annie E. Young, Richland, Ind., has Iris, Summer Snowflakes, and flower seed to ex. for Mountain Fleecy or Andromeda Marianna; write first.

Mrs. Nellie Mayfield, Franklin, Ill., will ex. Ladies Home Journal or magazines for flower seeds.

Mrs. Kate Bradford, Santa Ana, Cal., will ex. ever-blooming Tea Roses for Y. yacintins, Lilies, Crinum and Amaryllis; no return.

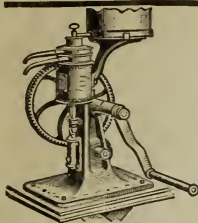
Mrs. E. Gladhill, A. voca, N. Y., has house plants, velvet scraps, millinery, etc., to ex. for good plants not in her collection; ex. lists first.

Mrs. E. Smith, Twenty-Mile Stand, O., has Tuberoses and double yellow Chrysanthemums to ex. for fine Chrysanthemums of different colors.

Music Given Away.

To reduce my stock of sheet music I will send choice pieces worth \$2.75 at store prices, to any reader who sends me the addresses of a few friends who enjoy music, and two stamps for mailing. G. G. PERRY, Music Dealer, Waterville, Me.

HAVE YOU FIVE OR MORE COWS?



If so a "Baby" Cream Separator will earn its cost for you every year. Why continue an inferior system another year at so great a loss? Dairying is now the only profitable feature of Agriculture. Properly conducted it always pays well, and must pay you. You need a Separator, and you need the BEST, the "Baby." All styles and capacities. Prices, \$75 upward. Send for new 1895 Catalogue.

THE DE LAVAL SEPARATOR CO.,

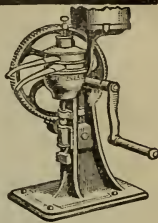
Branch Offices:

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General Offices:

74 CORTLANDT ST., NEW YORK.

When answering this advertisement please mention Park's Floral Magazine.



CORRESPONDENCE.

Mr. Park:—I dearly love flowers, and to cultivate them is my pleasure. I am a busy mother with a family of six to care for and I still find a few minutes time to attend to my flowers, of which I have quite a lot. I live on a farm, and have not so much of this world's riches and had a similar experience as the sister who wrote in February number over "B. A." As she says, they do not forget me when it comes to begging plants and slips. One of my neighbors is an old lady of seventy-five years, who is wealthy, and makes frequent visits to neighboring towns. She rarely comes home without something new, and afterwards shares it with me, so I have some plants that are beyond the reach of my purse. I would there were more like her. I have no less than twenty pots of Chinese Primrose; and some of the blooms are as large as a silver dollar. Some time I will write how I manage them. A. H.

Bucks Co., Pa., March 1, 1895.

From Kansas.—Dear Mr. Park: We had no rain here till June 8th, 1894; then no more rain till February 25th, 1895. Last year I planted seeds after the rain for fall flowers, and although there were barrels of water put on them the air was so hot and dry all around that it did not seem to do any good. I had no flowers, but thanks to the sisters I have plenty of seeds for myself and friends, and we are going to try again. The people of Kansas never allow themselves to become discouraged. There was not a thing raised here last year. We have had a long, cold winter, but no snow—the coldest winter we have had since we have been here—16 years. Julia R. Dorman.

Wakeeney, Kan., Mar. 18, 1895.

From Florida.—Mr. Park:—In the February Magazine Mrs. Luther, of Fruitland Park, Fla., complains of the freeze here. It she had waited until the second freeze came she might have complained sure enough. What the December freeze left the February freeze finished. Such cold weather is very unusual with us. Benj. M. Frisbee.

Clay Co., Fla., March 8, 1895.

Mr. Park:—To those who do not love flowers our house would not be pleasant. Every window is full of plants, besides boxes and baskets sitting around anywhere that a ray of sun can shine upon them. Every bulb of our fall premium is budded. The two Easter Lilies are at least four feet tall. One has three buds and the other four. You did not do justice to the Buttercup Oxalis in your description. Our plant is still loaded with blossoms, and they are as fragrant as a Rose. If I could not buy another money would not buy mine. Mrs. J. R. Hammond.

Boon Co., Ills., Mar. 8, 1895.

P. S.—Since writing the above our Gold-banded Lily has come up, and has grown sixteen inches. It grows almost two inches a day. How is that for growth! Mrs. H.

Silybium Marianum.

One FLORAL sister commends what another condemns. The degree of beauty of a plant or flower depends much upon the taste of the observer, the state of mind under which it is viewed, or the condition of the plant, or circumstances surrounding it. Here is what a subscriber writes about Silybium Marianum, which is characterized as a "horrid weed" by some:

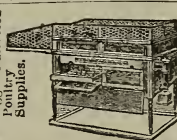


Dear Editor:—I can assure the floral sisters a treat if they will plant a few seeds of Silybium Marianum, or Holy Thistle. It is a very ornamental plant if watered well, and the flower stalk cut out. The leaves grow three feet long and six inches wide, and are beautifully mottled green and white, with thorns along the edge. Try a few plants and see if they do not draw the admiration of the little folks, as well as of your floral friends. Ima.

Gaucha Co., O.

FREE SPRAY PUMP to one person in each place. We mean it. If you mean business and want agency send 10c. We will send a complete pump that will do the work of a \$10 spray. A. SPEIRS, B. & S. North Windham, Maine.

High Class Poultry and Eggs. Full stock Poultry Supplies.



GUARANTEED absolutely Self-regulating, and to hatch 90 per cent. of the fertile eggs. Self-regulating Brooders. Most perfect machines, best material & workmanship. Prices reasonable. Send 4cts. for large illus. catalogue, testimonials, etc. Peerless Incubator and Brooder Co., Quincy, Ill.

Mention Park's Magazine.

POULTRY PAPER, illus'd, 16 pages, 25 cts. per year. 4 months trial 10 cts. Sample Free. 64 page practical poultry book free to yearly subscribers. Book alone 10 cts. Catalogue of poultry books free. POULTRY ADVOCATE, Syracuse, N. Y. Mention Park's Magazine.

You Dye in 30 minutes on cotton won't freeze, boil or wash out—all others will. Tonk's French Dyes are different from others. Just the thing for hard times. Make the carpets, dresses, caps and clothing as bright and attractive as new. Anyone can do it. No misses if you have Tonk's. Try them and see. Send 4c. for 5 pkgs., or 10c. for one, any color. Big pay for agents. Write quick. Mention this paper.

FRENCH DYE CO., Vassar, Mich.

Mention Park's Magazine.



S. W. SMITH, Cochranville, Chester Co., Penna.

Mention Park's Magazine.

BEEKEEPERS SEND FOR Sample copy of CLEANINGS IN BEE CULTURE. A Handsomely Illustrated BEE SUPPLIES FREE. THE A. J. COOT CO., Medina, O.

Mention Park's Magazine.

"BROWN'S BRONCHIAL TROCHES are unequalled for clearing the voice. Public speakers and singers the world over use them."

IN MEXICO.

[NOTE.—In 1892 the Editor of the FLORAL MAGAZINE travelled in Mexico, and recorded his experience and observations in a series of brief letters, intended for publication in book form. The work being unavoidably delayed they will now be published in the enlarged MAGAZINE, and the first letter is herewith given. The others will follow in later numbers.—ED.]

NO. 1.

I left San Antonio, Texas, at 10 A. M., and at 5 o'clock reached Laredo on the Rio Grande, where I waited 3½ hours for the Mexican train, and in the meantime called upon Mrs. Nichols, who is a Cactus specialist, got supper, and got my money exchanged for Mexican money. As United States money was worth \$1.45 of Mexican money I was inclined to feel richer than before the exchange was made, when I saw the pile of bills I received.

The country from San Antonio is almost a waste of Mesquite trees and Cactus plants. There are a good many Cactus groups about San Antonio, but these became more immense as we advanced until the ground was almost covered with them. They were not sickly specimens, either. Great beds of the prickly plants, 15 feet in circumference, appeared, the central plants six feet high and displaying leaves eight inches or more across were common, and these beds were so close together in some places that it would not be safe to walk between them. Some were loaded with scarlet fruit. In some places a scrubby growth appeared which the natives called chaparell thickets. A low, slender bush with dark, shining leaves was called Leather Bush, and is so tough and limber that it can readily be knotted, and is used for tying. Another bush is called "Wauhee," and is eaten by cattle and deer.

A great drouth has prevailed in southwestern Texas and northern Mexico, and in many places the people bordered on destitution. I met Rev. Mr. Wright, a Presbyterian minister, and Rev. Mr. Collins, a Baptist, residents of Pearsall, Texas, and both very cordial gentlemen. They gave me some account of the drouth, how that many of the cattle had been shipped to the Indian Territory for water, and how the Cactuses and Mesquite beans had saved much stock from starvation. These plants are almost the only ones that will endure the drouth to which this country is often subject, and, as food, they are really valuable, the younger portions of the Cactus often being cooked for human food. It only remains for some enterprising Yankee to invent a machine to strip Cactuses of their spines to make it possible for this land to be utilized to advantage for stock. Where the land is irrigated it produces abundantly, and Mr. Collins said he would stake it against any country for watermelons. He had raised specimens weighing 60 pounds, and of the sweetest, richest flavor. Here and there

we came to a cultivated spot with a village, but for the most part all was a Cactus and Mesquite forest as far as the eye could reach on either side, and the entire way from San Antonio to Laredo—one vast peach orchard in general appearance, until the Cactuses predominated.

Laredo, it is said, is a place of 10,000 inhabitants and growing. It's not a place I would fancy, however, for many of the people are Mexicans of a low order, living in adobe huts, with yards devoid of even a spear of grass, and everything about indicating poverty and destitution.

It was dark when I boarded the Mexican train, and heard the conductor cry "va mos." In a few moments we were across the river and in a foreign land. The Mexican and Great Northern is a narrow guage road, but the cars are broad and contain two rows of double seats. The trains seem to be operated carefully, and as there are few turns in a good part of the road and few stations they make good speed. Night prevented careful observations of the initial country, but from what could be seen the Mesquite and Cactus forest continued beyond the river for some distance. Late in the night something aroused me, and I peered out of the window. The train had stopped, and I saw, by dim moonlight, several sheds which, in my half-awake condition I supposed were sheep-pens with a yard in front where the sheep were congregated. I raised the window, and as I did so heard several peculiar human-like sounds, and saw something in the yard moving. Could those hovels or sheds be homes, and the moving objects in the yard human beings? This was a query, but when I thought how I had traveled all the early part of the night with my head near the open window enjoying the sweet, balmy air which fanned my face with gentle zephyrs, I could easily believe that the inmates of such dingy pens would find the out-door bed the most comfortable. Morning dawned at last, and I found my opinion confirmed by seeing whole families wrapped in blankets outside of the huts. But where were the Mesquite trees? Where the groups of tall, flat-leaved Cactuses? We had left them in the rear, and were in a strange, treeless land. Great bleak, barren mountains hemmed us in on each side, and what vegetation was to be seen consisted mostly of stunted grass, Yucca plants, scrubby bushes and Agave and odd-shaped Cactuses.

The mountains were such as I had never before seen. Some were gray and white and brown, striped, shelving and twisted in the most peculiar manner. Some were entirely barren, having the appearance of solid rock. But most of them were sparingly covered with short, stunted grass, with here and there a taller specimen of graceful form. Green briar-like bushes ten feet high, and with red flowers at the tips of the branches, grew in the hedges, and the dead bloom stalks of Yuccas stood erect here and

there as sentinels. All the mountains were exceedingly steep and high, and there were many places where great shelves of rock stood erect, or were piled for a hundred feet in a perpendicular or over-hanging form, so as to obstruct any access to higher parts.

For miles the road wound around these great masses of rock, following a crystal stream of water which dashed and foamed in its rocky course until we came to a little valley where our view was greeted by a field of fresh, green corn, in the midst of which was a group of willows and the farmer's hut. This land was not naturally watered, but the stream of water was so diverted in its course that the land could be flooded. The corn was very thickly planted, and of giant size, most of the stalks measuring, by estimate, 10 to 15 feet in height. Further on we came to larger valleys, all irrigated, and the crops in fine condition. Many handsome flowers lined the roadside, and shrubs and vines new to me were seen.

At San Antonio a gentleman who had been in Mexico said: "One thing is certain, you will find nothing good to eat in Mexico." Well, we hadn't reached Laredo till an old Mexican with a wooden leg came through the cars carrying a basket covered with a besmeared cloth. As he hobbled along he cried "Toma!es, toma!es!" Here was something new—not tomatoes, as his indistinct pronunciation might indicate. A little inquiry brought the cover from the basket, and the price was ten cents a dozen. But what do you suppose was revealed? Just a pile of greasy, dirty-looking rolls of corn-husks. Was it possible we were to live on this "prodigal" food throughout our Mexican trip. Curiosity led me to invest and investigate, and upon unrolling the husk I found inside a doughy substance enclosing a gristly jelly. It tasted somewhat like raw hominy and highly-seasoned bologna. Horrors! What a combination! A lady living in the vicinity explained that they were made of pounded hominy and refuse meat, boiled in corn husks. I pitched the vile stuff out of the window, and saw the old man hobble into the next car with the familiar cry "Toma!es! toma!es!"

It was now breakfast time, and the train stopped at Saltillo. I was curious to know what the natives had to eat, but saw no "toma!es." Coffee well sugared with native or unrefined sugar, and some dark-colored bread, resembling French rolls, with boiled chicken, seemed to be the best to be had. There was no butter or spreads. These were enough, however, to sustain life. Some fine fruits were offered here, and these were a relish to those who came from the States. The land here is irrigated, and the climate all that could be desired.

All day we traveled through great plains of grass and Yucca, each plain containing hundreds and thousands of square miles. Flocks of sheep and goats, and some fine herds of cattle were graz-

ing. In one place the road was a bee line for 125 miles. I was astonished at the size of the sheep and goats, the latter especially being almost as large as small-sized donkeys. The Yuccas were tree-



MEXICAN YUCCA.

like, branching some 30 feet high, and two feet in diameter at the base. Immense clusters of bloom hung from some and some were in seed. The natives use the leaves for baskets and fancy work, and the trunks for wood. *Bouvardia triphylla* formed scarlet patches along the wayside, and *Verbena bipinnata* appeared in purple masses.

The land passed through on this day was mostly devoted to grazing, and each ranch was fenced with a strong stone wall which could be seen for miles, often going directly over a mountain top. Fields were often fenced with century plants, or with tall, straight-stemmed Cactuses or branches of flat-leaved Cactuses. Most of the cultivated land in this region is irrigated, and planted with corn. Day faded into night, and the dusky natives wrapped in gaudy blankets might be dimly seen huddled about the adobe huts, chatting and jabbering in their peculiar dialect. Once more tired nature sought rest in sleep, and as the scenes of the day and the conditions of this benighted people were reviewed in memory, we felt thankful to a kind Providence that our lot was not cast among them, while we breathed a prayer that the light of Christian civilization might elevate the people to an enlightened plane commensurate with the climate and productive conditions of the land.

G. W. P.

City of Mexico, Aug. 16, 1892.

LACES GIVEN AWAY.

EDITOR: Please tell your readers that in order to introduce our famous health giving remedy, we will send a sample of Nerval for 10cts., and as a gift, we will wrap and send with it 12 yards of beautiful torchon lace. To get all send 10 cts., silver, to NERVAL CO., B. 7, Waterville, Maine.

PANSY plants from 25c. to 50c. per doz., *Chrysanthema* 20 for \$1.00, and lots of other good things cheap. Send for price-list. Address, Geo. W. VanGraasbeek, Box 242, Kingston, N. Y. Mention Park's Magazine.

CORRESPONDENCE.

Mr. Park:—I want to tell you of my success with the bulbs ordered from you last year. We had two dozen Tulips, a dozen Roman Hyacinths, sixteen double Pompon Hyacinths, and the Magazine bulb premium. The bulbs arrived about the middle of October, and we intended to plant them at once, but illness, journeys and other things prevented, so it was the week before Christmas that they were finally potted and set away in the dark. At the end of the fourth week the Roman Hyacinths had grown so much that we had to take them to the window, and before the end of the fifth week the first blossom appeared. The last one in that box I cut a week ago. The other bulbs were later, of course, but a week ago the first pink Hyacinth appeared, and to-day there are four pink ones, two white ones and a blue one in full bloom, and the rest are budded. The other bulbs are not doing so well, but it is chiefly owing to their many trials and tribulations. Besides their late planting, the mice insisted on sampling them, and dug them up over and over again, usually taking a taste as reward for their labor. It's a wonder the poor things lived at all. As if that were not enough, they have been through a chimney fire, which nearly burned us out, and half a dozen freezes. Several times the earth in the boxes has been frozen hard in the morning, and most of the other plants have succumbed, but the bulbs grow bravely on. Have they not done wonders? Of course, we planted the Tulips and Crocuses out of doors, and later I shall expect some fine bloom from them. I am very much pleased with my bulbs from you, and next year shall have more, and see if I can't abuse them a little less.

R. A. Ayers.

Merrimack Co., N. H., Mar. 15, 1895.

Mothers! Mothers! Mothers!!!

Mrs. Winslow's SOOTHING SYRUP has been used for over fifty years by millions of mothers for their children while teething, with perfect success. It soothes the child, softens the gums, allays all pain; cures Wind Colic, and is the very best remedy for Diarrhoea. Sold by Druggists in every part of the world. Be sure and ask for "Mrs. Winslow's Soothing Syrup," and take no other kind. Twenty-five cents a bottle.

A FINE ROSE and packet of Beautiful Flower Seeds, 100 kinds, with Catalog, only 10c. 3 Fine Roses, 25c. 7, 50c.; 16, \$1.00. Choice varieties, all labeled. ALFRED F. CONALD, Box 7 West Grove, Pa. Mention Park's Magazine.

SILK Remnants for Crazy Patch 10c., 3 pkgs 25c. Pkg. Embroidery silks, 25c., 6 pkgs. \$1.00. A finished crazy square 9x9, showing fancy stitches, 35c.; 3 squares \$1.00. Cat. fancy work novelties and sheet crazy stitches free with every order. LADIES' ART CO., B 531, St. Louis, Mo.

At 1/4 Price, Bicycles, Sewing Machines, Organs, Watches, Guns, Buggies, Wagons, Carts, Harness, Mills, Engine Boilers, Blacksmith and Farm Tools, Saws, Scales, and 1000 useful Articles. List free. CHICAGO SCALE CO., Chicago, Ill. Mention Park's Magazine.

Pimples Removed in 2 days. Black Heads in 5 days. Skin left soft, clear and healthy. Send 10c. (silver) for powder. MCINTYRE & Co., Box 135N, Cleveland, O. Mention Park's Magazine.

ODOR-CURE. For excessive perspiration of the feet and arm-pits; **absolutely harmless**; sample free. THE MACDONALD CO., South Bend, Ind. Mention Park's Magazine.

FAT • FOLKS • using "ANTI-CORPULENT PILLS" lose 15 lbs. 8 month. Cause no sickness, contain no poison and never fail. Sold by Druggists every where or sent by mail. Particulars (sealed) 4c. WILCOX SPECIFIC CO. Phila. Pa. Mention Park's Magazine.

MEN and **BOYS** wanted to distribute circulars, samples of tobacco medicines, newspapers, etc. \$3 to \$5 a day; no canvassing; hustlers wanted. Send 7c. stamp. CIRCULAR ADV. CO. Kans. City Mo. Mention Park's Magazine.

QUESTIONS AND ANSWERS.

What were They?—Mr. Park: My little girl spent an evening with friends one summer, and brought home a bouquet of flowers, some of which I admired very much, but did not know what they were. The blossoms were of the richest yellow and maroon mixed, single and double, about the size of a good-sized single Zinnia, but not so coarse. Some of the blossoms had maroon rings, and some were all yellow. They were new to me, and their unusual richness of color particularly attracted my attention. I have often wished to know what they were.—M. B. Mo.

Ans.—They were probably annual Chrysanthemums.

Water Hyacinth.—Mr. Park: I set a small plant of Water Hyacinth in a glass dish in the fall. It grew nicely for a time, and then I noticed it seemed to droop. I noticed some tiny things darting around in the water, and I examined them with a microscope. By letting the sun shine directly into the water they were easily seen. They look through the glass to be the size of a small grain of wheat, only perfectly round, and are of a clear pearl-like color, with distinct brown spots on their bodies. I have kept them down by heating water boiling hot and cooling it before I put it in the dish, but this morning I found the water alive with them. What are they, and what is a remedy? Mrs. G.

Dubuque, Iowa, March 25, 1895.

Ans.—They are living bodies, either vegetable or animal in nature. A little lime water added to the water in which they are found will eradicate them.

Azaleas and Hydrangeas.—Are Hardy Azaleas and Hydrangea paniculata difficult for an amateur to grow?—Miss S., Me.

Ans.—Both these shrubs may be readily grown by the Amateur. The latter, especially, is of very easy culture.

Poinsettia.—Enclosed I send a flower which blooms in winter, and has been in bloom for at least a month. About two weeks after it blooms the leaves of the plant drop. Please name it?—Mrs. S. A. C., Ill.

Ans.—The plant is generally known as Poinsettia pulcherrima, but in botany you will find it under the name of Euphorbia poinsettia. The showy part is the group of brilliant scarlet leafy bracts found at the base of the flower cluster. It is readily grown from seeds.

Planting Gloxinias.—I put my Gloxinia bulb in with the round part of the bulb on top, and the small, dried roots at the bottom. I did not quite cover, but I am afraid it is not going to grow. Is it in wrong?—Mrs. C., Conn.

Ans.—Gloxinias and Tuberous Begonias should be planted with the concave or depressed end up, and the rounded end down. Do not cover the tuber with soil. Water sparingly till roots form, and growth begins.

A New Cure for Asthma.

Medical science at last reports a positive cure for Asthma in the Kola plant, found on the Congo River, West Africa. So great is their faith in its wonderful curative powers, the Kola Importing Co., 1164 Broadway, New York, are sending out large trial cases of the Kola Compound free to all sufferers from Asthma. Send your name and address on postal card, and they will send you a trial case by mail free.



FAT FOLKS reduced 15 lbs. a month; any one can make remedy at home. "Miss M. Ainley, Supply, Ark., says, 'I lost 60 lbs. and feel splendid.' No starving. No sickness. Particulars (sealed) 2c. HALL & Co., D. L. Box 404, St. Louis, Mo. Mention Park's Magazine.

A Double Calla Flower.

One day the Editor received a pressed specimen in an envelope with a little note. The illustration represents the specimen, which the reader will recognize as a duplex spathe Calla. The note asked if the form was un-



common, and if the plant would be likely to produce similar blooms again. This form of Calla is rarely met with. It is a sort of monstrosity, and the plant producing it cannot be depended upon to yield a similar flower afterwards.

THEY ENJOY THE MAGAZINE.

Mr. Park:—Your useful and delightful Magazine reaches me every month. I could not do without it. I am glad its circulation is increasing, and hope it may benefit many more thousands of flower-lovers.

Miss K. L.

Fillmore Co., Minn., Feb., 16, 1895.

Mr. Park:—How I do enjoy my Magazine. It is like an old friend. I do love to read the letters from the sisters. Mrs. M. I. Surry.

Knox Co., Mo., March 12, 1895.

Mr. Park:—I love your Magazine dearly, and always read everything in it before I sleep.

Mrs. L. W. Means.

Wise Co., Texas, Feb. 23, 1895.

Consumption Cured.

An old physician, retired from practice, had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure of Consumption, Bronchitis, Catarrh, Asthma and all Throat and Lung Affections, also a positive and radical cure for Nervous Debility and all Nervous Complaints. Having tested its wonderful curative powers in thousands of cases, and desiring to relieve human suffering, I will send free of charge to all who wish it, this recipe, in German, French or English, with full directions for preparing and using. Sent by mail, by addressing, with stamp, naming this paper. W. A. NOYES, 820 Powers' Block, Rochester, N. Y.

GO IN BUSINESS FOR YOURSELF. WE FURNISH THE CAPITAL.

Any man, woman, boy or girl can do the work after they receive our goods. Send us your name to-day, but do not send us any money. Address Great Western Supply House, Chicago, Ill.

Mention Park's Magazine.

EXCHANGES.

R. R. Vogt, 35 Granger St., Cleveland, O., will ex. Gladiolus bulbs and flower seeds for Pardalium and Teucrium Lilies or Iris; write first.

P. L. Vailton, Bayou Goula, La. will ex. best new French Cannas for double Dahlias, Tuberous Begonias or Gloxinias; send list.

Cora Jewell, Shannondale, Ind., has flower seeds, roots and shrubs, fossils, etc., to ex. for Cycas revoluta, Plumbago coccinea, Panicum variegata.

Mrs. M. E. Fitch, Ft. Wayne, Ind., has impression paper to exchange for flower seeds, or remnants of muslin or calico.

Rev. John Brereton, Willow Springs, Mo., has Straw, June, Dew and Wineberries to exchange for any rare fruit plants or cuttings.

Mrs. Mame Graebe, Vesta, Ind., has fine flowering and berry plants to ex. for other small fruit or flower plants.

CONSUMPTION

TO THE EDITOR:—Please inform your readers that I have a positive remedy for the above named disease. By its timely use thousands of hopeless cases have been permanently cured. I shall be glad to send two bottles of my remedy free to any of your readers who have consumption if they will send me their express and post office address. T. A. Slocum, M. C., 183 Pearl St., New York.

Mention Park's Magazine.



Mammoth Squares
for Patchwork,
GIVEN AWAY.

cents; 1 dozen for 85 cents; \$5.50 per 100 pgs. to agents. Address COMFORT, Box 717, Augusta, Maine.

GIRLS FOR YOU FREE!



Why not try for one! They are absolutely free to all who will do a few hours' work showing our new goods to your friends. Takes very little time. No Money Required. All Rings Sold Gold. A 1 set with Genuine Diamonds; No. 2 with Pearl; No. 3, Richly Engraved Band Ring; No. 4 with Colored Stones. Send NOW. We want one girl in each neighborhood. A Bright Boy or a Few Married Ladies can take advantage of this offer. We can pay 20,000 rings in past two years. State size. Address I. M. ASSOCIATION, 269 Dearborn St., Chicago, Ill.

Mention Park's Magazine.

FREE

As a sample of our 1000 BARGAINS we will send FREE this elegant Fountain Pen, warranted a perfect writer, and immensely Illus. Bargain Catalogue, for 10c. to cover postage, etc. E. H. INGERSOLL & BRO., 65 CORTLANDT ST., N. Y. CITY.

Mention Park's Magazine.

YOU can now grasp a fortune. A new guide to rapid wealth, with 240 fine engravings, sent free to any person. This is a chance of a lifetime. Write at once. I. V. and Co. 48 Bond St. New York
Mention Park's Magazine.

—15—
Large
Pansy
Plants

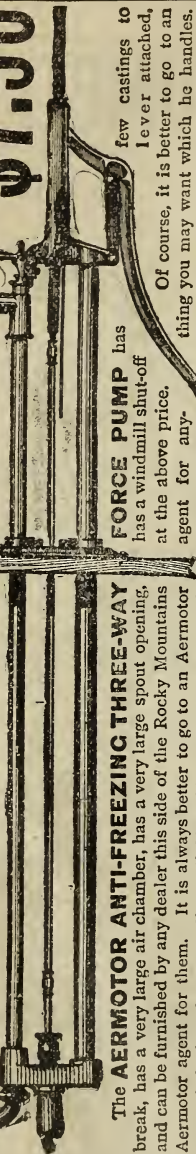
GIVEN AWAY.

To introduce our superior Pansy Plants (and other flowers) into 100,000 new homes this Spring, we will mail to any address 15 good strong Pansy plants of our extra choice mixture, which contains over 50 kinds, and embraces every color that can be imagined, carefully packed in a strong box, for only 30c. to pay postage, packing, etc. We grow them by the million, and know when you get these plants you will at once send us an order for others, as nothing but very nice well-rooted Pansies, that will flower early, will be sent. Catalogue lovely Plants, Bulbs, Seeds, &c., free. Send M.O. or silver. Address **PANSY GREEN HOUSES, Box 218, Rose Hill, N. Y.**

Price **\$7.50**

AERMOTOR

USUAL PRICE, **\$15.00**



THE AERMOTOR ANTI-FREEZING THREE-WAY FORCE PUMP has a windmill shut-off at the above price. agent for any-thing you may want which he handles. Of course, it is better to go to an Aermotor agent. It is doubtful if, he is an Aermotor agent. We furnish also a **SPECIAL** thing you may want which he handles. Of course, it is better to go to an Aermotor agent. It is doubtful if, he is an Aermotor agent. We furnish also a **SPECIAL**

AERMOTOR FORCE PUMP AT \$4.50, BETTER THAN USUALLY SOLD AT \$8 OR \$10. Send for our Pump Catalogue. Buy nothing but an Aermotor Pump, and do not pay more than Aermotor prices for it. We protect the public. We furnish it good goods at low prices. We have established twenty branch houses in order that it may get goods cheaply and promptly. You consult your own interests by insisting on not only Aermotor prices but Aermotor goods at Aermotor prices. *In another Aermotor ad.* **AERMOTOR CO., Chicago.** *Be sure and read it.*

Mention Park's Magazine.

LADY AGENTS. SOMETHING NEW. Quick Sales. Large Profits. Customers satisfied. Catalog free. Ladies Supply Co., 3118 Forrest Ave., Chicago.

BRIEF ANSWERS.

Agave.—A subscriber sends the Editor a little fleshy branch, from which the accom-



panying illustration was prepared, with the enquiry "What is this Cactus-like plant?" It is a species of Agave (Century plant).

HAVE THEY SOULS?

Mr. Park:—Do weeds, as well as all those rampant and wilful flowers which will come, and want to take possession of "one particular little corner," have souls? As for myself I am skeptical. But I am not so sure about my small, ebony-colored gardener. I fear he is sure they not only have souls, but some of them are lost souls. Judging by strokes "vigorously pressing" upon these same "self-wills," and pipes of complaint against "dese debils; I chop, and don chop 'em an 'er dey is agin."

Have flowers souls? What a wild flight of imagination! Can anything without will or reason have a soul? I do not think the subject will bear discussion. If I could think otherwise I would seek enlightenment from one well versed in theology; and could I be convinced that flowers have souls, as passionately as I love them, I should forego every pleasure they give me, and cease to cultivate them. Ruth Arundell.

Maryland.

[NOTE.—The Editor reads his Bible, but is not well enough versed in theology to answer all the questions that are brought to his attention. Botany and floriculture are his specialties, and matters of theology are left for those who know more of them.—Ed.]



Hard Soldered **BELT PIN.** Warranted Quad-ruple Silver plate. 15c. each, 2 for 25c. Send for Summer Circular of novelties, free. **Curtin Jewelry Co., ATTLEBORO, MASS.**

Mention Park's Magazine.

COUNTRY AGENTS WANTED

For the easiest selling article on earth. Every woman wants it. Send 25c. for sample bottle **SILVERWASH**, with circular to agents. **SOM. MOR. CO., 500 Temple Court, New York.**

Mention Park's Magazine.

\$5 CASH PER 100 for names of your friends and neighbors. Each name and price for three months trial all ready to begin for 10 cents stamp. **TRUMPS CO., Kansas City, Mo.**

APRIL.

O, April day! O, April day!
You stand twixt heat and cold midway.
You sigh at March, and smile on May,
With equal favor, April day.

O, April Day! O, April day!
Within one hand you hold a spray,
The other grasps a sunbeam ray,
With which you make a fine display
Of tears and smiles, O, April day!

O, April day! O, April day!
How shall I all your freaks portray?
You woo the buds and flowerets gay,
Then coldly turn in fickle play,
And nip them off, O, April day.

O, April day! O, April day!
No more unto you need I say,
Except my fond adieu to pay
When you step out for blooming May
To enter in, O, April Day.

—Adel.

EXCHANGES.

Mrs. Jennie Waters, Willowtown, Ky., will ex. Tuberoses and Fairy Lily bulbs or flower seed for lace, house plants or anything useful.

Miss M. Ratliff, Raymond, Miss., will give three yellow Jonquil or Narcissus for each Hyacinth (except blue) or Snowdrop; write.

Mrs. Dr. Turner, Null's Mills, Ind., will ex. white Lilac bushes for rooted Calycanthus, Weigela or Deutzias.

Mrs. M. M. Banister, Kenwood, Cal., will ex. Dahlia bulbs or choice flower seeds for silk, satin or worsted pieces; write.

Mrs. Bernice VanLuwane, New Era, Pa., will ex. good literature for house plants or Chrysanthemums; need not write.

HOW TO SUCCEED.

A well-written treatise on Personal Magnetism and its development, to assure improvement in life, can be had by mentioning name and date of this paper and enclosing 50c. to Prof. Anderson, Masonic Temple, Chicago. This book will be read by everyone who means the betterment of moral, mental and physical manhood and womanhood. 100 pp. book on HYPNOTISM, 50c. Large book \$2.

Mention Park's Magazine.

Record Your Marriages.

Births and Deaths. Our unique 15x21 "Family Record," by mail, 50 cents. Agents wanted. Address, FAMILY RECORD CO., KENOZA LAKE, N. Y.

In a recent advertisement we told of our very superior all-steel hand and power feed cutter to be offered at

\$10 worth \$40

Another ad. tells of the process of galvanizing and its indispensable preservative qualities. We also will give you the experience of two representative business firms of Illinois, one of whom has sold 400 and the other 500 Aeromotors. In ad. No. 4 we quote a price on the best pumps made (hand, windmill, and irrigating) lower than was ever before dreamed of, and in ad. No. 5 we talk to you of steel galvanized tanks, with covers, at the unheard of price of 2 1/2 cents per gallon. This is cheaper than wood. They do not shrink, leak, rot, rust, or give taste to water. Read all of the Aeromotor ads.

The Aeromotor Company treats the public generously. While state legislatures are passing laws to secure repairs for farm machinery at reasonable prices, IT IS A FACT THAT THE AEROMOTOR COMPANY HAS FOR THE YEAR 1895 BEEN COMPELLED TO RAISE ITS PRICES ON REPAIRS BECAUSE SOME OF ITS CUSTOMERS HAVE BEEN ORDERING INDIVIDUAL PARTS TO MAKE UP COMPLETE MACHINES, SINCE IN THAT WAY THEY COULD GET A MACHINE CHEAPER THAN BY ORDERING IT ASSEMBLED.

People are not compelled to buy machinery; they are compelled to buy repairs.

The Aeromotor Company errs to a fault. It was in this respect generous so low that customers could assemble a machine as it was since it was would get the machine for the protection of its motor Company has raised just enough to prevent this Aeromotor Company always est price and refused to sell it has now ESTABLISHED IN VARIOUS PARTS OF TO HAVE NOT ONLY ITS BLE, BUT TO HAVE ITS REACH. It expects soon number of houses. This importance to those who Accidents will happen, and when he is buying an article be had at reasonable cost. Our very low prices and high standards on everything connected with water supply and power production by wind, together with the accessibility of a full line of our goods and repairs, will be appreciated. Aeromotor Co., Chicago.



Mention Park's Magazine.

WATCHES GIVEN AWAY.

TO the person sending the largest club of trial subscribers before May 20th I will give a Solid Silver Watch, your selection. The same offer is good to those who send in the largest club before June 20th, as I give away one of these splendid silver Watches each month to the person sending in the largest club during the month. Each trial subscriber will get the 12 packets of flower seeds offered on 2d page of cover, or the 10 packets choice Vegetables offered on another page. Or, yearly subscriptions may be taken and will count as five trial subscriptions in the club, each yearly subscriber paying 50 cents and getting the premium offered on first title page of this MAGAZINE. Following are manufacturers' descriptions of these Watches:

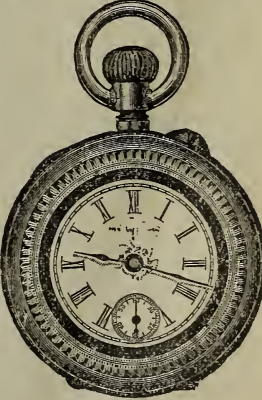
NO. 1.—Gents or Boys Solid Silver Watch, open face, stem wind, stem set, engraved backs, inside cap, bridge movement, compensation balance, good timekeeper.

NO. 2.—Ladies' Solid Silver Watch, stem wind, stem set, open face, fancy engraved backs, inside cap, bridge movement, jeweled escapement, compensation balance, good timekeeper.

NO. 3.—Ladies' Extra Fine Quality Solid Silver Chatelaine Watch, open face, stem wind, stem set, extra heavy case, inside cap, gold crown, nickel jeweled movement; a perfect timepiece.

OTHER PREMIUMS.—For the second largest club I will give a handsome book "Bulbs and Tuberos-rooted Plants." For the third largest club "Little Flower Folks," a charming botanical work. For the fourth largest club a little work entitled "Bulbs and Bulbous Plants." Intermediate clubs will receive special awards. These awards are in addition to the premium offered for getting up clubs.

WATCHES AS PREMIUMS.—Anyone of these watches will be given for a club of 200 subscribers, no other premium being called for. Or for 100 subscribers and \$5.00, or 50 subscribers and \$7.50. The watches are valued at \$10.00 each. They will be sent by registered mail. For club of 75 subscribers I will send the handsome and valuable Boys' Watch described on the previous page; or for 50 subscribers and one dollar, or 25 subscribers and two dollars. All of these watches are reliable timepieces, and will please any who secures one. No watches for sale. Now let the friends of the MAGAZINE go to work at once. Blank lists, sample copies, and all necessary information sent promptly on application. Almost everybody solicited subscribers upon the liberal terms offered, and you will find no difficulty in getting up a club. Address,



WATCH No. 3.

Now let the friends of the MAGAZINE go to work at once. Blank lists, sample copies, and all necessary information sent promptly on application. Almost everybody solicited subscribers upon the liberal terms offered, and you will find no difficulty in getting up a club. Address,
GEO. W. PARK, LIBONIA, FRANK CO., PA.

CORRESPONDENCE.

Mr. Park:—The Sisters will regret to learn of the death of Mrs. A. S. Means, of John's Pass, Florida, and I hope many, like myself, received from her in exchange a collection of the exquisitely lovely shells, gathered from the coast of the Gulf of Mexico, which we can keep as a memento of the departed sister. I learn that she left a large family to mourn her loss.

E. M. Allen.

Chesterfield Co., Va., Mar. 18, 1895.

Dear Mr. Park:—Your Magazine always comes laden with good things. I wish you could realize how much pleasure it affords us flower-lovers. I doubt not there are more prayers wafted heavenward for you than for any other one man who is personally unknown. I feel as though the writers were personal friends. I enclose some seeds and pressed specimens of wild flowers.

Selma, Ala.

Miss L. K. K. Hogan.

EXCHANGES.

Mrs. M. R. Guthrie, Wood St., Dubuque, Ia., will ex. flower seeds and plants, trees, shrubs, books, etc., for seeds, plants, and offers; write first.

Mrs. C. W. Howe, Missoula, Montana, will ex. worsted quilt pieces for Chrysanthemums or Lilies. Miss Lula DePass, Camden, S. C., has fine plants to ex. for Begonias and Lillium Auratum.

Mrs. M. Richard, No. Industry, O., has hardy shrubs and plants to ex. for Achimenes; write.

Mrs. Dickerson, 527 Macon St., Brooklyn, N. Y., will ex. a-tresses' photos (Imperial size) for Dahlias, bulbs, or Tuberos Begonias; write first.

FITSCURED

(From U. S. Journal of Medicine.)

Prof. W. H. Peeke, who makes a specialty of Epilepsy, has without doubt treated and cured more cases than any living Physician; his success is astonishing. We have heard of cases of 20 years' standing cured by him. He publishes a valuable work on this disease which he sends with a large bottle of his absolute cure, free to any sufferer who may send their P.O. and Express address. We advise anyone wishing a cure to address, Prof. W. H. PEEKE, F. D., 4 Cedar St., New York.

Mention Park's Magazine.

SALESWOMEN

We have an original, legitimate, much-needed article which sells best during hard times, because it saves money and suffering. Women and men without any experience whatever are now making from \$10 to \$30 per week without neglecting their home duties; no capital required; full particulars, free samples, and references in your own State and ours by mail. Address Box Y, 1692, Boston, Mass. Only those seeking respectable, profitable, and permanent home employment need apply.

LADIES

Mail 2c. stamp for sealed instructions how to enlarge your bust 5 inches, by using "Emma's" Bust Developer. Guaranteed. 24 page illustrated catalogue for 6 cents. Address EMMA TOILET BAZAR, 224 Tremont Street, BOSTON, MASS. Mention this paper.

BABY WARDROBE PATTERNS for 26 different articles—long clothes with full directions for making, showing necessary material, etc., sent postpaid for only 25 cents. A copy of "Knowledge for Expectant Mothers" and a valuable secret sent free with every order. Address, Mrs. B. ATSMAN, Bayonne, N. J. Mention Park's Magazine.

ANY LADY can easily make \$18.00 weekly working for us quietly at home. Positions permanent, and if you can only spare two hours per day, don't fail to investigate. Reply with stamped envelope. **Woman's Mutual Benefit Co., Joliet, Ill.** Mention Park's Magazine.

LADIES WANTED to attend to correspondence and general office work at home. Good pay and position permanent. Address with stamp. ST. MARYS MEDICAL & TOILET CO., South Bend, Ind. Mention Park's Magazine.

GOSSIP.

Dear Sisters:—The time is now drawing near when our labor of last fall in the bulb beds will be so amply rewarded. Do not throw away the bulbs that have been forced in the house during the winter, but plant them in the beds with others of their kind, and in time they will recover enough of their former strength and beauty to make them worth the saving.

M. A. G.

Montcalm Co., Mar. 12, 1895.

From Canada.—My Chinese Primroses are in bloom, and my Hyacinths are coming up nicely. But my Crassula cordata got frozen. The mercury reached 35 degrees below zero here. We had an awful two weeks of it. Will some Newfoundland sisters please correspond?

Lucia M. Falconer.

Shelburne, Ont., Feb. 16, 1895.

From California.—Dear Floral Band: Come with me for a walk through my garden this morning. Here is the Crocus bed packed solid with the yellow, purple, blue and white beauties. Across the Hyacinths by the hundred, their lovely spikes about half grown. Further down are the Tulips, and still further Pond Lilies, Water Hyacinths, etc. Other beds are filled with Carnations, Gladiolus, Dahlias, Fuchsias Forget-me-nots and Pansies, Chrysanthemums, Amaryllis, etc. My flowers are my pets and demand all my time and skill to keep them in order. Sometimes when the sun shines after a rainy spell I go out and wander around among the flowers, and it seems to me I have reached the acme of earthly bliss.

Mrs. Anna Schuber.

Humboldt Co., Cal., Feb. 23, 1895.

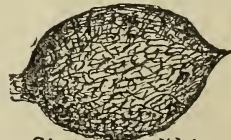
Just So.—Mr. Park: When I read your Magazine and Catalogue it always seems to me that you are the old Quaker Pennsylvanian who asked his friend "Does thee see any flowers the Devil made?"

Mrs. Jno. C. Roberts.

Bremond, Texas, Jan. 22, 1895.

Gladiolus Bulbets.

Last year when I planted my Gladiolus I cut a small hole through the hard, tough shell of the bulbets and sowed them in a drill, and everyone grew. It was no small job, as I had over a pint of the bulbets, none much larger than a pea. I hope to see blossoms from those same bulbs this year, as some grew as large as walnuts. They were of the improved kinds.



Gladiolus Bulbet.

Granga Co., O., Dec. 28, 1894.

Ima.

Are You Hard of Hearing or Deaf?

Call or send stamp for full particulars how to restore your hearing by one who was deaf for thirty years. John Garmore, Room 18, Hammond Bldg., Fourth and Vine, Cincinnati, O.

AGENTS to sell Household Specialties everybody needs. Quick sales. Big profits. Sherman & Butler, 16 N. Canal St., Chicago.

Mention Park's Magazine.

LADIES A friend in need is a friend indeed. If you want a regulator that never fails, address, THE WOMAN'S MED. HOME, Buffalo, N. Y.

RUPTURE Sure cure at home; (sealed) book free. Dr. W. S. Rice, Box 259, Smithville, New York

A REMARKABLE OFFER. Send TWO 2-CENT postage stamps, a lock of your hair, name, age and sex, one leading symptom, and I will send you a clairvoyant diagnosis of your disease **FREE.** Address, J. C. BATDORF, M. D., Grand Rapids, Mich. Mention Park's Magazine.

LADIES Illustrated pamphlet of our goods free. GEM RUBBER CO., KANSAS CITY, Mo.

25 Plants, Postpaid, for \$1.00.

Pick them out. Carefully packed. Satisfaction guaranteed. Order now, while stock is complete and plants unculled. 150 plants, delivered, \$5.00. Club with friends. Only one plant of a kind allowed in each \$1 collection; six plants of a kind in a \$5 collection.

Abutilon, Souv. de Bonn, new.

Other choice named sorts, including variegated-leaved, and white, yellow and red-flowered.

The new variety, Souv. de Bonn, is a grand ornamental-leaved plant. It is of thrifty growth, and surpasses all other sorts in the beauty of its foliage.

Achyranthus, red or yellow.

Achania malvaviscus, scarlet.

Adonis vernalis, yellow, peren'l.

Ageratum, blue or white.

Alyssum, double, white.

Variegated-leaved.

Amelopsis Veitchii, Boston Ivy.

Quinkefolia, Virginia Creeper.

Anemone Japonica, red.

Japonica, white.

The white Japan Anemone is one of the handsomest white autumn flowers in cultivation.

Anisophylla goldfussia.

Artillery Plant, fine foliage.

Arabis alpina, fine for edging.

Aspidistra lurida variegata.

Asclepias tuberosa.

Zanzibar Balsam, carmine.

Splendid, ever-blooming plant for house or garden. Masses of bloom. Very handsome. Of easy culture.

Begonia Sandersonii, scarlet.

Alba picta, spotted foliage.

Margarita.

Carrieri.

Thurstoni, new.

Hybrida multiflora.

Folia.

Fuchsoides coccinea.

President Carnot.

Multiflora hybrida.

Compta.

Queen of Bedders.

Rubra.

Rex.

Bergamot, scarlet Monarda.

White-flowered.

Cereus epiphyllum.

Cereus grandiflorus, Dr. Regal.

Cereus flagelliformis (rat-tail).

Mammillaria.

Queen Cactus.

Calla Lily, white.

Caltha palustris, bog plant.

Canna, fine Crozy varieties.

Capsicum, Little Gem.

Procopp's Giant.

Carnation, Marguerite, white.

Marguerite, mixed.

Calystegia sapientum.

Centrosema grandiflora.

Cestrum parqui.

Poeticus.

Laurifolium.

Coleus, fancey-leaved, fine colors.

Chrysanthemum, Klotia.

Louis Boehmer, pink.

Mrs. Carnegie.

Leopold, spotted.

Ivory, fine white.

Bayard Cutting.

Leslie Ward.

Margaret Jeffords.

Robt. Bottomly.

John Simpson.

Pelican.

Miller's Crimson.

Miller's Yellow.

Cissus discolor, fine foliage vine.

Convolvulus Mauritanicus.

Chelone barbata.

Cobaea scandens.

Coccoloba platyclada.

Conoclinium celestinum.

Cuphea platycentra,

Zimapan.

Tricolor (Lave).

Cuphea tricolor is one of the most showy and beautiful of the newer plants. It will please all who try it.

Coreopsis lanceolata.

Crassula spatulata, for baskets.

Cordata, winter bloomer.

Portulacoides.

Cyperus alternifolius.

Dahlia Xymphaea.

Deutzia gracilis, shrub.

Crenata fl. pl.

Dielytra cucullaria.

Spectabilis.

Double Daisy, Ball of Snow.

Longfellow, pink.

The Daisies I offer are vigorous

blooming plants, all bearing fine

double flowers.

Echeveria secunda.

Euonymus variegata, hardy.

Eupatorium riparium, white.

Elecampane, Inula helenium.

Euclalia zebrina.

Fern, Camptosaurus rhizophyl's.

Four hardy sorts.

Fabiana imbricata.

Ficus repens, hardy, for walls.

Forsythia viridissima.

Suspensa, slender.

Fuchsia, named, double.

Single, named.

Glechoma variegata.

Gaillardia grandiflora.

Geranium, Zonale, single, named.

Zonale, double, named.

Scented, in variety.

Ivy-leaved, in variety.

Gladiolus, any color, named.

Grevillea robusta.

Glechoma variegata.

Golden Rod, Solidago.

Gardenia florida, Cape Jasmine.

This is the celebrated Cape Jas-

mine. The plant is evergreen,

and the flowers double, white

and deliciously scented.

Habrothamnus elegans.

Heliotrope, purple.

Peruvianus, lavender.

Madam Blonay, white.

Hibiscus, Chinese, named.

Syriacus (Althea).

Heterocentrum, white, double.

Hollyhock, black.

Honeysuckle, Hall's hardy.

Gold-leaved, hardy.

Hoya carnosus, wax plant.

Hydrangea Otaka.

Ipomoea, blue, white margin.

Heavenly Blue.

Iris, Dwarf German.

Tall German.

Kämpferi, single.

Double.

Isolepis gracilis, grass.

Ivy, German or Parlor.

English, hardy.

English variegated.

Jasminum gracilimum.

Grand Duke.

Keria Japonica.

Kenilworth Ivy.

Lantana, white, pink, yellow.

Lavatera arborea variegata.

Leonotis leonurus.

Leucanthemum maximum.

Libonia penrhosensis.

Lilac, Persian, cut-leaved.

Lopesia rosea.

This is sure to bloom in winter.

The plant is slender, and the

spider-like flowers borne in profu-

sion. Of easy culture.

Lycopodium plumosum.

Madeira Vine, started tubers.

Manettia cordifolia, new.

Bicolor, scarlet.

Mandevilla suaveolens.

Mesembryanthemum cordifol'm.

Grandiflorum.

Mexican Primrose.

Mahernia odorata.

Marguerite Daisy.

Matrimony Vine, hardy.

Chinese variety.

Matricaria capensis alba.

Mackaya bella.

Michauxia campanulata.

Mimulus moschatos compactus.

Montbretia coccinea.

Nicotiana, Jasmine-scented.

Otakeite Orange.

Othonna, basket plant.

"Old Man," scented, hardy.

"Old Woman," scented, hardy.

Peperomia maculata.

Pansies, fine young plants, ready

to bloom.

Passiflora, Constance Elliott.

John Spaulding, variegated.

Cerulea, blue.

Coccinea, scarlet.

Peristrophe angustifolia varieg.

One of the finest variegated pot

plants for winter; beautiful car-

mine flowers; sure to bloom.

Petunia, Double, fringed.

Phlox, perennial, white.

Perennial, red.

Palm, Latania borbonica.

Paeony, Chinese, pink.

Chinese, white.

Primula obconica.

Veris, gold-laced.

Chinese.

Plumbago coccinea.

Capensis alba.

Polygonatum racemosum.

Pomegranate, Jas. Vick.

Pinks, Cyclops.

Old-fashioned.

Rivinia humilis.

Rubus grandiflorus.

Rocket, sweet.

Rose, Climbing Prairie.

Tea, in variety.

Sanguinea.

Queen's Scarlet.

Marie Van Houtte.

Pink Daily.

Most everblooming Roses are

hardy if bedded out in May.

Ruellia formosa.

Russelia juncea.

Sagittaria, bog plant.

Salvia splendens.

Santolina Indica.

Saxifraga sarcocentosa.

A splendid basket plant; foli-

age finely marbled; flowers in

large panicles.

Selaginella, moss-like.

Sedum, hardy, yellow.

Sedum, for baskets.

Acra, "Crowfoot."

Sempervivum, "Hen and Chickens."

Solanum grandiflorum.

Scutellaria pulchella.

Spiraea, Van Houtte.

Stapelia variegata.

Streptosolen Jamesonii.

Sweet William.

Thymus, variegated.

Tradescantia multiflora.

Zebrina.

Variegata.

Tigridia grandiflora alba.

Conchiflora.

Pavonia.

Tuberose, Excelsior Pearl.

Tropaeolum pergrinum.

Veronica Imperialis.

Spicata.

V. Spicata is a hardy perennial,

bearing long spikes of blue flowers

in autumn.

Verbena Hybrida in variety.

Hardy Purple.

Vine, Hardy Blue.

Variegated, yellow.

Harrisonii, marbled.

Rosea, rose.

Rosea alba, white.

Viola pedata, Bird's-foot Violet.

English Violas, to color.

Marie Louise, sweet.

Welgela rosea, hardy shrub.

PARK'S ILLUSTRATED SURPRISE LIST OF PLANTS tells all about the above. Free to applicants.

GEO. W. PARK, LIBONIA, FRANKLIN Co., PA.

You Would Buy

A Set of these SOUVENIR SPOONS,

But you think there must be some catch on account of the small sum asked for them. It is a genuine offer, and we do this to dispose of them quickly.

Remember We Refund Your Money

If you find they are not as represented. Order to-day. Send in your order for a set or more AT ONCE, as thousands will avail themselves of this great opportunity. **First come, first served.**



HOW ARE WE ABLE TO DO IT?

These Spoons were made up especially for the World's Fair trade by one of the *Largest Manufacturers in the World*, and were left on their hands. In order to dispose of them QUICKLY, we make this unheard of offer. SIX SOUVENIR SPOONS, after dinner coffee size, HEAVY COIN SILVER PLATED, with GOLD PLATED BOWLS, each spoon representing a different building of the World's Fair. The handles are finely chased, showing head of Columbus, and dates "1492-1893," and wording "World's Fair City." They are genuine works of art, making one of the finest souvenir collections ever produced. Sold during the Fair for \$9.00; we now offer the balance of the stock at only 90 cents. Sent in elegant plush-lined case, properly packed, prepaid to any address. Send Chicago or New York Exchange (individual checks not accepted), Postal Note or currency. Money cheerfully refunded if goods are not as represented.

LEONARD M'F'G CO.,

20 Adams St., B. P., Chicago, Ill.

P. S.—YOU KNOW this advertisement would not be accepted by the Editor of this paper if it was not genuine.